Mid-Hood Canal Narrative for 2011 Three-Year Work Program

This narrative only covers the Mid-Hood Canal Chinook Salmon Chapter of the Salmon Recovery Plan, and not the Skokomish Chapter. This is due to the fact that the Skokomish Chapter is currently under review and is being significantly re-organized and structured to address comments from NOAA and the Puget Sound Partnership. NOAA RITT members and PSP staff are participating in that process.

Consistency Question

- 1. What are the actions and/or suites of actions needed for the next three years to implement your salmon recovery chapter as part of the regional recovery effort?
 - ② Significant conservation work is ongoing in the Dosewallips and Duckabush, though given the relatively small number of parcels, small size of anadromous zones in private property, and public perception of government buy-outs in south Jefferson County, the pace is deliberately slow and community-oriented. Regarding past efforts, Jefferson County is still working to complete the purchase of two estuary parcels in Duckabush from the year before last, the most important one (Duckabush Fire Station) of which now seems to be on track for completion in 2011. The Jefferson Land Trust has closed on one conservation purchase in the anadromous zone of that watershed, while still facilitating a purchase proposed by the County in the Dosewallips. A new, very significant proposal has been developed and is being pursued for conserving the entire southern shore of the Dosewallips from the Forest Service down to the State Park in a collaborative effort, which should yield permanent protection of the riparian corridor and its functions for approximately 4 miles of river. Conservation work in the Hama Hama is not proposed as an immediate need in the Salmon Recovery Plan or 3YWP, given the stable ownership by one family dedicated to forestry.
 - ① Channel and floodplain restoration will be forwarded in the next 3 years by completing designs for at least 30 engineered log jams in both the Dosewallips and Duckabush Rivers and implementing those designs. Focal areas are Forest Service lands in the upper watersheds, public land along powerlines reach of the Dosewallips, and private lands in the middle reach of the Duckabush. The Wild Fish Conservancy will construct 4 jams in the Forest Service Boundary reach in the upper Dosewallips River, while we are beginning discussions with the Forest Service about mitigating road washout replacement in that watershed by picking up and implementing another roughly 20 jams over 5 reaches. In addition, a geomorphic reach analysis has been completed this summer in the Dosewallips estuary reach on State Parks land by WFC to determine potential benefits from riprap and campground removal for 2010. We have had very positive discussions with State Parks regarding these opportunities, and are currently proposing removing at least 2000 feet of hardened/armored shoreline while setting back multiple campsites to regain floodplain in 2013. At least one large iam will be constructed in 2011 in this reach. The draft reach analysis in partnership with multiple partners to improve habitat and mitigate flooding hazards at the Lazy

- C on the Dosewallips and hopefully reducing potential future harm from additional bank hardening has not progressed recently.
- Estuary restoration is progressing with several smaller levee removals in the Dosewallips and Duckabush Rivers in the last few years. In the next 3 years we will seek to implement the recommendations from the geomporphic reach analysis described above for the Dosewallips. There are a few smaller projects in the Dosewallips estuary along blind tidal channels that we have not had success implementing due to landowner expectations. For the Duckabush, we are working on conserving a few smaller parcels of threatened land in the estuary along Pierce Slough/Creek, which we would hope could be enhanced in the coming three years with culvert replacement and channel/floodplain work (if money were available) as this is an important offchannel rearing area for summer chum and chinook salmon. Of particular concern at this point is our inability to begin to address the impacts of the earthen-filled causeway under Highway 101 at the Duckabush River, though the PSNERP process might help begin to address this stressor. In the Hama Hama estuary, the HCSEG has partnered with the landowner to install channel complexity, improve bank stability, and enhance access to a blind tidal channel system in the summer of 2010. We are hopeful of continuing to work with the landowners after this estuary project is completed to address the feasibility of improving connectivity of the mainstem to the upper estuary above Highway 101. Finally, many other non-natal nearshore habitat conservation and restoration projects are being implemented outside of these 3 main estuaries that will benefit chinook salmon recovery.
- Other than the USFS Watershed Analyses and EDT analysis, we have limited information on the magnitude of sedimentation in these systems, though both document increases over natural conditions and potential negative consequences for fish VSP. In addition, very little work has been done to quantify in-channel scour/deposition of bedload, though anecdotal evidence suggests this may be a relatively bigger problem than road impacts in at least the 2 northern rivers. Actions outlined in the Salmon Recovery Plan call for decommissioning roads with high aquatic risk on US Forest Service lands. Very few roads exist in the upper Dosewallips, with the exception of the Rocky Brook drainage where the USFS continues to make slow but steady progress. A somewhat larger length of roads exists in the subwatersheds of the upper Duckabush River, with little progress made towards implementing goals. A significantly larger length of USFS and private logging roads exist in the watershed/subwatersheds of the Hama Hama River, also with very little progress made towards implementing goals. For context however, the USFS has been quite busy addressing this specific issue in the Skokomish River where the scale and impacts are hypothesized to be much more significant, redirecting most of their staff capacity and funding for this issue. Minimizing chronic bed scour/deposition impacting efficacy of spawning and incubating salmon is a focus being addressed in the next 3 years and beyond by channel/floodplain/riparian restoration described above, mostly in the Dosewallips and Duckabush Rivers.

Tinally, riparian conservation/restoration is a fundamental building block documented by the Salmon Recovery Plan and supported by EDT. Several site specific projects have occurred, and several others are proposed in the 3YWP. We are currently implementing a Riparian Habitat Assessment and developing prescriptions for both public and private lands to move them to more functional, late successional stages, at a more comprehensive scale. In that process, we have identified several locations already that are ripe for additional riparian enhancement and are taking steps to develop those projects, find project sponsors and contacting landowners. A comprehensive knotweed assessment and control effort began in the Spring of 2010 using funding from a SRFB grant, continues with full control efforts in 2011, and is proposed for final treatment in 2012 with a current SRFB application. Both knotweed and Butterfly bush have been identified in the Dosewallips and will be assessed and control work begun in accordance with the Hood Canal Regional Knotweed Control Strategy. A knotweed assessment will also take place on the Duckabush River.

Pace/Status Question

- 1. What is the status of actions underway per your recovery plan chapter? Is this on pace with the goals of your recovery plan?
 - See above. Generally, we are making slow but steady progress. Much of what was outlined in the high implementation category for our 10 year goals has either been achieved or is achievable if funding were increased, while some unforeseen progress has been made on the low implementation potential category. Given lower-than-hoped-for funding levels, landowner expectations, and capacity issues at many levels, it would be fair to say we are not quite meeting the pace outlined in the Salmon Recovery Plan.
- 2. An excel document is attached which includes a spreadsheet called 'PSP Staff Work Watershed Goals.' This spreadsheet will be filled out by PSP staff based on your watershed chapter plan to identify the 10-year recovery goals & objectives. PSP staff will send each watershed this information in preparation for the three-year work plan update process. This spreadsheet is to help track progress (and changes) toward recovery goals. What is the general status of implementation towards your habitat restoration, habitat protection, harvest management, and hatchery management goals? Progress can be tracked in terms of 'not started, little progress, some progress, or complete' or in more detail if you choose.

Sequence/Timing

- 1. What are the top implementation priorities in your recovery plan in terms of specific actions or theme/suites of actions? How are these top priorities being sequenced in the next three years? What do you need to be successful in implementing these priorities?
 - Speaking for habitat only, the EDT analysis suggested that all projects identified would basically need to be implemented to recover habitat enough to meet VSP goals, depending on intensity and efficacy of implementation. So our questions have been not which projects need to be done, but how to accomplish each project listed in the right sequence of highest benefit. In most cases, the major

sequencing issue is property ownership/landowner willingness and whether or not conservation needs to be pursued before implementing an action. Exceptions exist however about logistical sequencing, such as the concern about reestablishing the northern estuarine distributary in the Duckabush without first having raised the causeway so we don't wash out Highway 101. Thus the short answer to this question is which of the identified projects are ready to implement next logistically, but based on the principle of not implementing a lower priority project (as identified by EDT) "in lieu of" a higher priority project with the funding available.

Next Big Challenge

- 1. Do these top priorities reflect a change in any way from the previous three-year work program? Have there been any significant changes in the strategy or approach for salmon recovery in your watershed? If so, how & why?
 - ① No
- 2. What is the status or trends of habitat and salmon populations in your watershed?
 - Status and trends of habitat is unknown, though the trend in the regulatory protections theme is towards an improving set of protections via SMP and CAO regulation updates, and the trend in the voluntary habitat restoration/conservation theme is towards an improving set of conditions as well.
 - Trends for chinook salmon in the Mid-Hood Canal population is level or declining, I believe, and dangerously low. However, that discussion is on-going!
- 3. Are there new challenges associated with implementing salmon recovery actions that need additional support? If so, what are they?
 - At this point, we don't know of new challenges other than climate change. If support could be leveraged, it would be to address the two largest issues remaining that were identified in the very beginning of this process, including constrictions caused by Highway 101 and understanding and addressing the impacts of public and private logging roads in the upper watersheds.

| | | · | mentation Priorities for l | Hood Canal Co | oordinating (| Council | | _ | | | | | | | | | | 1 | | | |
|--------------|------------------|--------------------|---|--|---------------------|------------------|------------------|--------------------------------|---------------------------------------|-------------------------|--|--------------------|--|-----------------------|---|-------------------|---|----------------|---|--------------|-----------------------------------|
| sts are fro | m Recovery P | Plan estimates an | d comparables methods | | | | | Domain | Definition | | | | | | 1 | | | <u> </u> | <u> </u> | <u> </u> | |
| rly costs | are preliminar | ry estimates to be | e developed further with project spon | isors | | | | 1 | Domain 1 represents nat | al freshwater and sub- | stuarine habitats for 8 extar | nt summer chum s | subpopulations, 2 extant ch | ninook populations, | and 1 extant bull trout su | ibpopulation in t | the HCCC area. | | | | |
| oritization | n to be determi | ined by Lead En | tity Committees, regional participant | s, and governments | | | | 2 | Domain 2 represents nat | al freshwater and sub-e | stuarine habitats for 3 re-in | troduced extinct s | summer chum subpopulation | ons and all significa | int nearshore habitats in t | he HCCC area. | | <u> </u> | | <u> </u> | |
| tal Costs r | epresent multi | iple years worth | of projected costs | | | | | 3 | | | stuarine habitats for all rem | | nmer chum and chinook s | ubpopulations in the | e HCCC area. | | | | | 1 | |
| | | | d/or spent during calendar year | | | | | 4 | | | g nearshore areas not labele | - i | | | | | | <u> </u> | | <u> </u> | |
| rojects repr | esent all 4 pric | Ority Domains to | allow more comprehensive tracking | of salmon recovery | while supporting co | ommunity values. | | | 20 | 07 | 2008 | 1 | 200 | 9 | 2010 |) | 201 | 11 | 201 | 2 | 2 |
| Domain | Bio Rank / | Limiting | | | Total cost | Unfunded Portion | Existing Funding | Source of other | | | | | | | | | | | | | |
| Priority | EDT | Factors | Action name and description | Likely sponsor | | | | funds | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope |
| APITAL F | PROJECTS | | | | | | | | | | | | | | | | | | | | |
| Iabitat Cap | oital Projects | | | | | | | | | | | | | | | | | | | | |
| id-Hood (| Canal | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | finish design | | | | finish permitting and | | |
| | | | | | \$2,219,570 | \$1,600,301 | \$619,269 | | | | | | | | concepts, scope | | 700/ 4 | | construct 4 ELJs in | | Construct ELJs |
| 1 | 1 of 17 | 1,3 | USFS/Upper Dosewallips wood- riparian restoration | WFC, USFS, Tribes | | | | PSP, USFS, SRFB, PSC | Funding Strategy; Coordination | | Feasibility/Design | \$100,000 | Feasibility/Design cont'd | \$100,000 | LWD sources; riparian assessment | \$19,570 | 70% designs and NEPA permitting | \$30,000 | FS Boundary (phase | \$369,699 | in 2 or 3 reaches (phase 2) |
| | 1.01.1/ | 1,7 | iiparian restoration | inioes | | | | BRI B, I SC | Coordination | | r casionity/Design | \$100,000 | Cont u | \$100,000 | Tiparian assessment | \$17,570 | TVETTY permitting | \$50,000 | | \$307,077 | (phase 2) |
| | | | | Jefferson Land | | | | | | | | | | | Begin to implement | | | | | | |
| | | | | Trust, State | \$7,027,420 | \$5,500,000 | \$1,527,420 | | | | | | | | Mid-HC Dosie | | Community | | Community | | Community |
| | | | Powerlines, Lazy C, Southshore | | 41,1, | | 41,021,121 | | Begin to implement | | Begin to implement | | | | Acquisition 2009 and | | Outreach, Planning | | Outreach, Planning | | Outreach, |
| 1 | 4,6,9.5 of 17 | 7 135 | riparian-floodplain protection Lowe Dosewallips | er County, HCCC, TNC | | | | Jefferson County SRFB | Dosie Acquisition Phase | \$163,590 | Mid-HC Dosie Acquisition 2007 | \$209,000 | | | State Park Acquisition | \$764,830 | and Transactions, inc'g Jupiter Tracts | \$390,000 | and Transactions; close Jupiter Tracts | \$5,500,000 | Planning and Transactions |
| 1 | 4,0,9.5 01 17 | 1,5,5 | Dosewamps | TINC | | | | SKI'D | 2 | \$105,590 | Acquisition 2007 | \$209,000 | | | Acquisition | \$704,830 | ineg Jupiter Tracts | \$390,000 | close Jupiter Tracts | \$3,300,000 | Transactions |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | \$735,000 | \$734,000 | \$1000+ | | | | | some work | | | | | | | | | ELJ design |
| | | | | | \$755,000 | \$754,000 | \$1000 | | | | | conducted as par | rt | some work | Riparian | | Planting and Exotic | | | | begins; Riparian |
| | | | Powerlines Lower Dosewallips woo | | | | | | | | Feasibility/Design and | | more outreach and land | | t Assessment and | | Control; sponsor | | Riparian Planting | | Planting and |
| 1 | 6 of 17 | 1,3 | riparian restoration | Tribes, County | | | | PSP, USFWS | Conifer Plantings | \$1,000 | Landowner Discussions | wood project | transactions | of other projects | project dev't | | dev't | ? | and exotic control | ? | exotic control |
| | | | | | | | | | | | | | | | Finish reach | | | | | | Outyear |
| | | | | | \$1,771,775 | \$600,000 | \$1,171,775 | | | | Reach Assess, | | Deconstruct RB levee | | assessment; planting | | | | RB armor and fill | | planning for |
| | | | Lower Dosewallips | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | \$1,771,773 | \$000,000 | \$1,171,773 | | , Landowner Outreach, | | construction (remove | | above SR101, cont. | | and maintenance, | | complete property | | removal below 101 | | Brinnon levee |
| 1 | 7 5 9 5 of 13 | 7 1,2,3,5,7 | floodplain/estuary restoration and Dosewallips Estuary Phase 2 and 3 | | | | | BIA, SRFB, ESRP | plantings, design, and permitting | ? | 500ft RB levee below 101, installed 5 ELJs) | \$360,775 | reach assessment, Planting 0.5 acre | \$300,000 | Monitoring, \$ strategy | \$100,000 | transaction, install ELJs at estuary | \$411,000 | 2000ft plus habitat and planting | \$600,000 | improve and Sylopash Slough |
| - | 7.5,7.5 01 17 | 1,2,3,5,7 | Dosewamps Estatily Thase 2 and 5 | State Farks | \$78,000 | \$0 | \$78,000 | Lord | Permitting, | | 101, instance 5 EE33) | \$500,775 | ranting 0.5 acre | \$500,000 | Stategy | \$100,000 | ELLIS at Ostaar y | Ψ111,000 | i and planting | \$000,000 | Sylopusii Blougii |
| 1 | 16 of 17 | 2,7 | Wolcott Slough Fishtrap Removal | | \$78,000 | 30 | 378,000 | ESRP | Construction | \$78,000 | Monitoring | ? | Monitoring | ? | Monitoring | ? | Monitoring | ? | | | |
| 1 | 10 of 17 | 3,4,5 | USFS road decommission Dosewallips | USFS, Tribes, HCSEG | \$226,500 | \$226,500 | \$0 | USFS, federal aprop. | | | | | | | | | | | Design, Permitting | \$40,000 | Construction |
| | 10.01.17 | | Возематро | | | | | шргор. | | | | | | | | | | | | | |
| | | | | Jefferson County | \$2,000,000 | \$1,321,048 | \$678.952 | PSP, RCO, | | | Begin Mid-HC Dosie | | | | Begin Mid-HC Dosie | | | | Community | | Community Outreach, |
| | | | Lower and Middle Duckabush | and Jefferson | \$2,000,000 | \$1,321,046 | \$078,932 | Jefferson County | /, | | Acquisition 2007 (Fire | | | | Acq'n 2009 (2 JLT | | Complete previous | | Outreach, Planning | | Planning and |
| 1 | 2,5.5 of 7 | 1,2,3,5 | riparian-floodplain protection | Land Trust | | | | SRFB | Community Outreach | | Station & Ruiz) | \$303,000 | | | parcels) | \$375,952 | projects | | and Transactions | ? | Transactions |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 2 | , | ? | | | | | | | | | | | | | | |
| | | | , B. 1.1.1 | MEC I W | ž | | - | | | | | | | | | | E 1111 / D 1 | | Feasibility/Design, | | m: : 1 1 : |
| 1 | 2 of 7 | 1,3 | Lower Duckabush riparian- floodplain restoration Phase 1 | WFC, Jeff County, JLT | | | | PSP, RCO, SRFI | 3 | | | | | | Reach Assessment, Landowner Outreach | | Feasibility/Design, Landowner Outreach | 2 | Landowner Outreach; Permitting | 2 | Finish designs and \$ Strategy |
| | | | USFS road decommission | USFS, Tribes, | \$370,500 | \$370,500 | \$0 | USFS, federal | | | | | | | Euroviiei Guireaeii | | - Landowner outreuen | <u> </u> | i current | | in a strategy |
| 11 | 3 of 7 | 3,4,5 | Duckabush | HCSEG | \$370,300 | \$370,300 | 50 | aprop. | | | | | | | Carlot desire | | | | Design, Permitting | \$40,000 | construction |
| | | | | | | | | | | | | | | | finish design concepts, scope | | | | finish permitting and | | More design |
| | | | Middle Duckabush wood-riparian | WFC, USFS and | \$2,219,570 | \$2,000,000 | \$219,570 | | Funding Strategy; | | | | Feasibility/Design | | LWD sources; | | 70% designs | | construct 10-20 ELJs | | phases and |
| 1 | 1.5 of 7 | 1,3 | restoration phase 1 | Tribes | | | | PSP, USFS | Coordination | | Feasibility/Design | \$100,000 | cont'd | \$100,000 | riparian assessment | \$19,570 | completed | | on private properties | \$1,000,000 | permitting |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | \$20,132,140 | \$19,900,000 | \$232,140 | | 101 estuary causeway | | | | | | | | | | | | |
| 1 | 4.5.67 | 1227 | SR101 Causeway Replacement | | | | | | | 0122 140 | | | | | 10% design | 5000 | 00 250/ 1 : PONTED | 050.000 | , r. c | 9 | |
| 1 | 4.5 of 7 | 1,2,3,7 | Duckabush Robinson Road Levee Removal | multiple? | | | | SRFB ESRP, SRFB, | completed previously | \$132,140 | | | | - | PSNERP | 3000 | 00 35% design PSNERF | \$50,000 | Funding Strategy | 7 | More Design |
| 1 | 7 of 7 | 2,7 | Duckabush | HCSEG | \$167,000 | \$0 | \$167,000 | PSP | Design and permitting | \$20,000 | Construction | \$147,000 | Monitoring | ? | | | | | | | |
| | | | | v | | | | | | | | | | | | | | | | | |
| | | | Pierce Creek culvert at Shorewood | Jefferson County | \$235,000 | \$225,000 | \$10,000 | PSP, ESRP, | | | | | | | | | property | cost included | final design and | | |
| 1 | 7 of 7 | 1,2,3,7 | RD | Land Trust | | | | SRFB | | | | | Design | \$10,000 | | | transactions | above | permitting | \$25,000 | construction |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | \$160,000 | \$150,000 | \$10,000 | | | | | | | | | | | costs included | | | construction and |
| 1 | | 2,5 | Duckabush Fire Station Fill Remov | al HCSEG, Jeff Co | | | | SRFB, PSAR SRFB, LIP, | | | | | Design | \$10,000 | | | land transaction | elsewhere | permitting | ? | planting |
| | | | Hama Hama Estuary Restoration | | \$609,807 | \$320,000 | \$289,807 | NFWF, ESRP, | Landowner Discussion | | | | | | | | landowner outreach | | | | |
| 1 | 4.5 of 6.5 | 1,2,7 | Phase 1 and Phase 2 | HCSEG | \$005,007 | \$320,000 | \$205,007 | PSP | and Design | | Design | \$30,000 | Design | ? | Construction | \$259,807 | for Phase 2 | \$0 | Design | 2000 | 0 Construction |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | \$20,082,140 | \$19,900,000 | \$182,140 | | 101 estuary causeway | | | | | | 100/1 | | | | | | |
| 1 | ? | 1,2,3,7 | SR101 Causeway Replacement Hama Hama | Army Corps, multiple? | , , | | | FHA, WSDOT, SRFB | removal study completed previously | \$132,140 | | | | | 10% design PSNERP | 5000 | 00 | | Funding Strategy | 9 | Mora Dagian |
| 1 | | 1,4,3,7 | паша ната | munipie! | | + | <u> </u> | OKFD | completed previously | \$132,140 | | | - | - | 1 SINERF | 3000 | 00 | + | i unumg strategy | | More Design |
| | | | | | \$100,000 | \$100,000 | \$0 | | | | | | | | | | | | | | design, planting, |
| 1 | 15-565 | 1.2 | Upper Hama Hama riparian | TIEFE | φ100,000 | \$100,000 | φU | USFS, federal | | | | | | | | | | | Inventory, Exotic | 620.000 | exotic and |
| 1 | 4.5 of 6.5 | 1,3 | restoration USFS road decommission Hama | USFS USFS, Tribes. | | | | aprop., other USFS, federal | | | | | | | | | | + | Control and Planting | \$30,000 | upland control Permitting and |
| 1 | 6.5 of 6.5 | 3,4,5 | Hama | HCSEG | \$1,048,500 | \$1,048,500 | \$0 | aprop. | | | | | | | | | | | Design, Permitting | \$100,000 | Construction |
| | NM | | USFS Road Drainage and | | ? | 2 | \$0 | USFS, federal | | | | | | | | | | | Permitting, | | Permitting, |
| | NIM/ | 4,5 | Stabilization | USFS | • | 3 | | approp. | 1 | { | i | 1 | 1 | 1 | : | | 1 | : | Construction | \$100,000 | Construction |

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| | | | | | | - | | | | |
| 13 | 20 | 014 | D. d. die | | | | | | | |
| Cost | Scope | Cost | Restor-ation Type | Location w/in watershed | Performance | Brief Description | Action # | HWS link | HWS link Cont. | 3 YWP Project Name |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | Construct ELJS in last 2 or 3 reaches (phase | | | | | Place log jams and increase wood loading by helicopter and/or conventional means in strategic locations, including 6 mile bridge, FS boundary, above Camp Acacia, Case Creek, and road washout | 33,34,36, | | 04-01-001, 04- | · · |
| \$630,301 | (3) | \$1,000,000 | I,F,R | Mainstem | 4 miles | | 37,38,40 | 04-01-000 | 01-003 | USFS/Upper Dosewallips wood-riparian restoration |
| ? | | | L | Mainstem | 300 acres potential; 157 acres in process | Protect high quality habitats and purchase impaired habitats for future restoration; includes planning effort | 20,25,32 | 04-02-001, 04- 02-002, 04-02- 003, 04-02-004 | = | Powerlines, Lazy C, Southshore riparian-floodplain protection Lower Dosewallips |
| 2 | construction; riparian planting and exotic control | 2 | I.F.R | Mainstem | | Improve instream wood loading rates and riparian conditions in the Powerlines Reach | 21,23,24 | Not in HWS | | Powerlines Lower Dosewallips wood-riparian restoration |
| ? | monitoring | ? | I,E,F,R | Estuary, | 40 acres marsh, 1000ft levees, 2000ft armor removal, 5 ELJs, mulitple plantings | Improve riparian conditions, tidal inundation, and floodplain connection; feasibility study included | 3,5,6,7,9,11,1 | 04-03-004,04- 03-007 | 04-03-005 | Lower Dosewallips floodplain/estuary restoration and Dosewallips Estuary Phase 2 and 3 |
| | | | Е | Estuary | 15 acres | Remove USFWS fishtrap and regrade salt marsh and tidal channels | 14 | 04-03-002 | | Wolcott Slough Fishtrap Removal |
| \$186,500 | Construction | \$186,500 | U | Headwater | 6.5 miles | Decommission high priority roads for aquatic risk or convert them to trails | 27,28,41 | 04-06 | | USFS road decommission Dosewallips |
| 7 | Community Outreach, Planning and Transactions | 7 | L | Mainstem | 200 acres potential; 26 acres in process | Protect high quality habitats and purchase impaired habitats for future restoration; includes planning effort | 11,14 | 05-02-000 | 05-02-001 | Lower and Middle Duckabush riparian-floodplain protection |
| ? | Construction | ? | I.E.F.R | | | Improve instream wood loading rates and riparian conditions in the Lower Duckabush after protection efforts have advanced | 11 | Not in HWS | | Lower Duckabush riparian-floodplain restoration Phase 1 |
| \$330,500 | construction | \$330,500 | U | Headwater | 8.7 miles | Decommission high priority roads for aquatic risk or convert them to trails | 9,10 | 05-06 | | USFS road decommission Duckabush |
| ? | finish permit and construct 10-20 ELJs on USFS | \$1,000,000 | I,F,R | Mainstem | | Place log jams and increase wood loading by helicopter and conventional means in strategic locations | 12,13 | 05-01-000 | | Middle Duckabush wood-riparian restoration phase 1 |
| \$200,000 | Final Design and Construct | \$19,700,000 | Е | Estuary | | Continue feasibility studies to address benefits for retrofit, alternatives, and costs along the Duckabush causeway | 2,3,5,6,7 | PA 01-01-002 | | SR101 Causeway Replacement Duckabush |
| | | | Е | Estuary | 2.6 acres | Obliterate levee on WDFW property, remove exotic invasive plant species | 4 | 05-03-000 | | Robinson Road Levee Removal Duckabush |
| \$200,000 | monitoring | ? | E,P | Estuary | | Improve tidal inundation and fish passage under Shorewood Road | 8 | 05-04-000 | | Pierce Creek culvert at Shorewood RD |
| \$150,000 | | | E,R | Estuary | 2 acres | Remove landfill and replant streamside and upper estuary once property has been acquired through existing grant | | 05-03-001 | | Duckabush Fire Station Fill Removal |
| \$300,000 | ? | ? | I,W,E,P | Estuary | 50 acres | Improve channel complexity and restore tidal channel habitats in Hama Hama Estuary (phase 1). | ? | <u>08-03-000</u> | | Hama Hama Estuary Restoration Phase 1 and Phase 2 |
| \$200,000 | Final Design and Construct | \$19,700,000 | | Estuary | | Continue feasibility studies to address benefits for retrofit, alternatives, and costs along the Hama Hama causeway | 2,3,5,6,7 | 08-03-001 | | SR101 Causeway Replacement Hama Hama |
| \$35,000 | planting, exotic and upland control | \$35,000 | R | Mainstem | | Improve riparian conditions in non-anadromous reaches to address identified sediment and temperature inputs | 12,13,14 | Not in HWS | | Upper Hama Hama riparian restoration |
| \$500,000 | ? | ? | U | Headwater | 27.1 miles | Decommission high priority roads for aquatic risk or convert to trails | 7,8 | <u>08-06</u> | | USFS road decommission Hama Hama |
| \$100,000 | Permitting, Construction | \$100,000 | U | Headwater | ? | Stabilize high priority roads for aquatic risk; ongoing USFS maintenance | | <u>08-06</u> | | USFS Road Drainage and Stabilization |

| Projects repre | sent all 4 prior | rity Domains to | allow more comprehensive tracking | of salmon recovery | while supporting co | ommunity values. | | | 20 | 07 | 200 | 8 | 2009 |) | 201 | 0 | 201 | 11 | 2012 | 2 | 2 |
|----------------|------------------|----------------------|---|---------------------------------|---------------------|------------------|-----------------|-------------------------------------|--|-------------------|---------------------------------|------------------|---|-------------|--------------------------------------|---------------------|---|------------|-------------------------------------|--|-----------------------------|
| Domain | Bio Rank / | Primary Limiting | | | Total cost | Unfunded Portion | Existing Fundin | g Source of other | | | | | = | | | | | | | | |
| Priority | EDT | Factors | Action name and description | Likely sponsor | | | | funds | Scope | Cost \$526,870 | Scope | Cost \$1,249,775 | Scope | \$520,000 | Scope | Cost \$1,639,729 | Scope | \$881,000 | Scope | Cost \$7,824,699 | Scope |
| | | ļ | | | | | | | | \$326,870 | | \$1,249,775 | _ | \$520,000 | | \$1,039,729 | | \$881,000 | | \$7,824,099 | |
| Skokomish-I | Lilliwaup | : | | | : | | | | <u> </u> | | | | | 1 | | | aamulata withaut | ; | | | |
| | | | | Skokomish | \$2,120,276 | 9 | \$2,120,276 | federal approp., | | | | | | | | | complete without project report, | | Select preferred | | |
| 1 | | 1,3,4,5,6,7 | Army Corps General Investigation for restoration feasibility | Tribe and Mason County,USACE | \$2,120,276 | ſ | \$2,120,276 | Mason County, Skok Tribe | Cost share agreement, assessments | \$1,041,276 | Assessment | \$300,000 | Assessment | \$429,000 | Develop alternatives, expand PMP | \$350,000 | develop and assess alternatives | 2 | alternative and begin documentation | 9 | Complete EIS |
| 1 | | 1,3,4,3,0,7 | 101 restoration reasibility | County, USACE | | | | SKOK TIIDE | assessments | \$1,041,270 | Assessment | \$300,000 | Assessment | \$429,000 | expand rivir | \$330,000 | atternatives | · | documentation | ······································ | Complete E13 |
| | | | | Skokomish | \$130,000 | \$0 | \$130,000 | SRFB, PSP, | | | BOR selected, asses't | | field work and | | Assessment | | design completed, | | Construction, More | | Construction, |
| 1 | | 1,3,4,5 | Vance Creek Assessment and Desig | n Tribe | | | | Skok Tribe | | | designed, outreach | \$30,000 | modelling | 90,000 | Completed | \$10,000 | funding strategy | ? | Design | ? | More Design |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | \$4,648,776 | \$100,000 | \$4,548,776 | PSP, Mason | | | | | | | Final Design, | | | | | | |
| 1 | | 2,7 | Skokomish Estuary Restoration Phase 2 - Nalley Island | Skokomish Tribe | | | | PUD, SRFB, NOAA, USFWS | S Design | ? | Design | \$50,000 | Final Design, Permitting | \$50,000 | construction, monitoring | ~2,500,000 | monitoring | \$50,000 | monitoring | \$50,000 | monitoring |
| 1 | | 1 | Skokomish Estuary Restoration | Skokomish | \$195,000 | \$195,000 | \$0 | ESRP, PSP, | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | Design, funding | | 3 | | permitting and | | |
| ı | | 2 | Phase 3- Skokomish Flats | Tribe | | | | SRFB, NOAA | | | | | | | strategy | \$25,000 | | <u> </u> | construction | \$150,000 | monitoring |
| | | | Skokomish Estuary Restoration Phase 4- Eastshore 6 acre fill | Skokomish | \$400,000 | \$400,000 | \$0 | ESRP, PSP, | | | | | | | | | | | | | design and |
| 1 | | 2,7 | removal | Tribe | | | | SRFB, NOAA | | | | | | | | ļ | | | property transactions | \$200,000 | permitting |
| | | | Chalanniah Fataran Bartantian | | | | | | | | | | | | S | | | | | | |
| | | | Skokomish Estuary Restoration Phase 5 - Westshore Road Estuary | Skokomish | \$200,000 | \$200,000 | \$0 | ESRP, PSP, | | | | | | | Scope preliminary design, funding | | | | design and | | |
| 1 | | 2 | Remediation | Tribe Skokomish | | | | SRFB, NOAA | | | | | | | strategy | \$10,000 | | | permitting construction; scope | \$30,000 | construction |
| | | | | Tribe and WA | \$125,000 | \$120,000 | \$5,000 | | | | | | | | | | | | shoreline | | preliminary |
| 1 | | 2,3, 7 | Potlach State Park Restoration Lake Cushman passage | State Parks | | | | BIA | | | | | design | \$5,000 | FERC License and | ļ | design, permitting | \$20,000 | remediation | \$100,000 | design |
| 1 | | 7 | down/upstream | Tacoma Power | ? | | | TP | settlement talks | | settlement talks | | agreement | | design | | | | construction | | monitoring |
| | | | | | ** *** | | | | | | Implementation; Hydrological | | | | implement additional | | | | | | |
| | | | | | \$1,500,000 | \$0 | \$1,500,000 | | | | Assessment for next | | implementation of early | | components after | | adaptive | | adaptive | | adaptive |
| 1 | | 1,3,4,5,6 | North Fork Flow Restoration Gibbons Creek Fish Passage with | Tacoma Power GD, USFS, | 6200.000 | | 6200.000 | TP SRFB, Joint | Construction | \$1,500,000 | phase | | components | ? | License issued | }? | management | | management | | management |
| 4 | | 1,3,5,6,7 | Bridge Frigid Creek Culvert Replacement | MCD CD USES | \$300,000 | \$0 | \$300,000 | Venture, GD GD, Joint | | | design, permitting | \$50,000 | construction | \$250,000 | | | 4 | | | | |
| 4 | | 1,3,5,6,7 | Design | MCD | \$27,236 | \$27,236 | \$0 | Venture | | | | | scoping | | preliminary design | | design and permitting | \$27,236 | | | |
| 3 | | 1.3.5.6.7 | McTaggert Diversion Dam Remova | al Tacoma Power | ? | ? | ? | TP | | | prelminary design | | design, permitting, construction | 9 | monitoring | 9 | | | | | |
| | | 1,5,5,0,7 | | | ? | ? | 9 | | | | | | design, construction, | · | | † | | | | | - |
| 3 | | - | McTaggert Culvert Replacements | Tacoma Power | | | | USFS?, TP? | | | prelminary design | | permitting | ?? | monitoring | ? | | | | | design, |
| | | | | Skokomish | \$125,000 | \$125,000 | \$0 | | | | | | | | | | | | design, funding | | permitting, |
| 1 | | 1,3 | Lower Skobob Creek Complexity | Tribe | | | | BIA, PSP SRFB, PSP, | | | | | | | | | | - | strategy | \$5,000 | construction design, |
| 1 | | | El I. in maintan Vana | Skok Tribe, | ? | ? | ? | Corps, Skokomish | | | din-tith CI | \$0 | din-tith CI | \$0 | | | design, permitting in | 2 | 4 | 9 | permitting, |
| 1 | | - | ELJs in mainstem, Vance Five Mile Creek Engineered Log | | \$95,000 | ? | 2 | CSF, NRCS | | | coordinate with GI | | coordinate with GI | 30 | redesign and seek | - | mainstem, Vance | | design, permitting | ! | construction |
| 1 | | 1,3,5 | Jams | MCD | \$93,000 | | | WHIP, SRFB | | | | | design, permitting | ?? | more funding FERC license | ? | construct | \$95,000 | | | |
| | | | | | 2 | ? | 2 | | | | | | | | issued?, recovery | | | | | | design, |
| 1 | | 1,3 | ELJs in North Fork | Skok Tribe | • | | | SRFB, PSP, Skokomish | | | | | Global agreement | | plan finalized, project planning | | reach assessment, concept design | 7 | design, permitting, construction | ? | permitting, construction |
| | | | | | | - | | | | | | | | | | | | | design and | | |
| | | | Upper South Fork, Holman Flats, ar Tributary Floodplain-Channel- | Skokomish | \$2,230,000 | \$900,000 | \$1,330,000 | SRFB,PSP, USFWS,NFWF, | , | | | | | | final design, wood stockpiling, | | monitoring, begin funding strategy for | | permitting; construction TP | | |
| 1 | | 1,3 | Riparian Restoration | Tribe and USFS Mason CD, | | | | USFS, TP | | | feasibility | \$63,500 | design, permitting | \$140,000 | construction | \$1,030,000 | Phase 2 on TP land | ? | South Fork | \$900,000 | |
| | | | | NRCS, Skok | ? | ? | 2 | NRCS, TP, | | | | | | | | | | | | | |
| 1 | | 1,3,4,5,6,7 | Car-body Levee Removal and Channel Complexity | Tribe, and/or landowner | , | , | * | SRFB, PSP, Corps | | | Design within GI | \$0 | Design within GI | \$0 | Design within GI | \$0 | Design within GI | \$0 | design and permitting | 9 | Construct |
| | | 1,5,7,5,0,7 | Chamici Complexity | landowner | | | | Corps | | | Design within Gr | | Design within Gr | 30 | Design within Gr | 30 | Design within Gr | | permitting | | Construct |
| | | | Skokomish River and Bourgault | | \$200,000 | \$0 | \$200,000 | USFWS, | | | | | | | construction, | | | | | | assess remaining |
| 1 | | 1,3,4,5,6,7 | Road Partial Removals | Tribe | | | | WSDOT | | | design | \$0 | design permitting | ······· | monitoring | \$200,000 | monitoring | ?? | monitoring | ? | roadway design and |
| , | | 124567 | Dike Removal and/or setbacks-TBI | | ? | ? | ? | | | | 1 : :4: CI | | D : :41: GI | 60 | D : :4: CI | 60 | D : id: GI | 00 | design and | 2 | permitting and |
| 1 | | 1,3,4,5,6,7 | by GI | multiple | | | | | moving ahead with | | design within GI | \$0 | Design within GI | \$0 | Design within GI | \$0 | Design within GI | \$0 | permitting | ! | construction |
| 1 | | 1 | SR101 and SR106 road prisms/bridges - TBD by GI | WSDOT, multiple | \$10,704,510 | ? | \$10,704,510 | WSDOT, FHA | Purdy, wait to coord on others with GI | \$0 | construct Purdy | \$5,210,390 | construct, more design within GI | \$5,494,120 | Design within GI | \$0 | Design within GI | \$0 | design and permitting | 9 | construct, more design |
| | | · | prisms/oriuges - 1 DD by GI | munpie | | | | | onicis with OI | 30 | construct I tituy | φυ,210,370 | within Gi | 95,774,120 | Design within di | , , , , , | Design within GI | , pu | permitting | ······································ | |
| | | | Silviculture Treatments for increase | ed | ? | ? | ? | federal aprop., PSP, stewardship | p | | | | | | implementation, | | implementation, | | implementation, | | implementation, design, |
| 1 | | 1,5,6 | hydrologic maturity | USFS, SWAT | | | | receipts? | | | | | design, permitting | ? | design, permitting | ? | design, permitting | ? | design, permitting | ? | permitting |
| | | | | | 04.200.000 | 61 500 000 | 62.000.000 | SRFB, PSP, TP. | strategy, landowner outreach, land | | strategy, landowner | | strategy, landowner outreach, transactions | | strategy, landowner | | strategy, landowner outreach, | | strategy, landowner | | strategy, landowner |
| , | | 124565 | Protect habitats through conservation | | \$4,300,000 | \$1,500,000 | \$2,800,000 | Mason County, | transactions (Bourgalt | 60 | outreach, land | 00 | (CREP, floodplain | 6200 000 | outreach, | 62 000 000 | transactions | 0500.000 | outreach, | 0500 000 | outreach, |
| 1 | | 1,3,4,5,6,7 | tools | multiple | | | | Tribe | right bank) | \$0 | transactions | \$0 | easement) | \$300,000 | transactions (estuary) | \$2,000,000 | (confluence/Dips) | \$500,000 | transactions | \$500,000 | transactions landowner |
| | | | | | \$550,000 | \$300,000 | \$250,000 | NRCS, MCD, | landowner outreach, | | landowner outreach, | | landowner outreach, | | landowner outreach, | | landowner outreach, | | landowner outreach, | | outreach, fencing, farm |
| 1 | | 1,3,4,5 | Farm Plans, and BMPs | MCD, multiple | | | | Landowner | fencing, farm plans, | \$50,000 | fencing, farm plans, | \$50,000 | fencing, farm plans, | \$50,000 | fencing, farm plans, | \$100,000 | fencing, farm plans, | \$100,000 | fencing, farm plans, | \$100,000 | plans, |
| | | 1,J, T ,J | 1 mm 1 mms, and Divil 5 | aricis, multiple | · | | | -Landowilei | | \$50,000 | nemenia, rariii pians, | 450,000 | concing, tarm plans, | 450,000 | , iciiciiig, iai iii piaiis, | ψ100,000 | , renemis, rariii piails, | . 9100,000 | | Ψ100,000 | ·Piuro, |

| 13 | 20 | 14 | | | | | | | ! | |
|-------------|----------------------------|-----------|----------------------|----------------------------|---|--|------------|----------------|----------------|--|
| Cost | Scope | Cost | Restor-ation Type | Location w/in watershed | Performance | Brief Description | Action # | HWS link | HWS link Cont. | 3 YWP Project Name |
| \$2,832,301 | Scope | Cost | Туре | watersned | reriormance | | Action # | TWS IIIK | HWS HIR CORL | 5 1 WF Froject Name |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ? | | ? | | Mainstem | | Complete general investigation as a mechanism for a consensus-based road map to improving floodplain and channel functions | 10- | -01 | | Army Corps General Investigation for restoration feasibility |
| | | | | | | Conduct landowner outreach, survey, and design for conservation and restoration actions in the summer chum and chinook reaches; construct in phase 2 | | | | |
| ? | | | F,I,L | Mainstem | 1 mile of stream | Conduct failubilities outcach, survey, and design for conservation and restoration actions in the summer chain and clinicox reaches, constitute in phase 2 | 10- | -01-008 | | Vance Creek Assessment and Design |
| | | | | | | | | | | |
| | | | | | | Obliterate levees, borrow ditches, and tidegates on Nalley Island; install new powerlines with Mason PUD | | | | |
| \$50,000 | | | Е | Estuary | 400 acres, remove 10 miles levees, roads, ditches | | <u>10-</u> | <u>-03-001</u> | <u> </u> | Skokomish Estuary Restoration Phase 2 - Nalley Island |
| \$10,000 | monitoring | \$10,000 | Е | Estuary | 10 acres, 1000ft levee | Lower berm in Phase 1 down further in limited area, remove bridge landing, topography modification, restore hydrology across Skok Flats RD | <u>10-</u> | <u>-03-002</u> | ļ | Skokomish Estuary Restoration Phase 3- Skokomish Flats |
| | | | | | | Remove fill and old access road in the eastern cell of the lower Skokomish Estuary | | | | |
| \$25,000 | construction | \$175,000 | E, L | Estuary | 6 acres | | 10- | -03-003 | <u> </u> | Skokomish Estuary Restoration Phase 4- Eastshore 6 acre fill removal |
| | | | | | | Retrofit powerline access road crossings at key tidal channels, reroute road where necessary | | | | |
| \$150,000 | monitoring | \$10,000 | Е | Estuary | 40 acres, multiple improved road crossings | | 10- | -03-004 | | Skokomish Estuary Restoration Phase 5 - Westshore Road Estuary Remediation |
| | | | | | | Reroute Potlach Creek; investigate fill removal in historic salt marsh; revegetate shoreline | | | | |
| | | | M | Marine | 600 ft new channel, remove 1 barrier | Control Desire | Not | ot in HWS | | Potlach State Park Restoration |
| | monitoring | | P | Mainstem | Remediate fish barrier | Create upstream and downstream passage past Cushman Project | Not | ot in HWS | | Lake Cushman passage down/upstream |
| | | | | | | Add Cone Valve to Cushman Project to allow quantity and quality of outflow to improve North Fork and Skokomish Mainstem; continue discussions on re- establsihing normative flow regime; implement | | | | |
| | | | I | Mainstem | Increased flows | | Not | ot in HWS | | North Fork Flow Restoration |
| | | | P | Tributary | remove 1 barrier, install LWD | Fish passage and stream improvement to a significant amount of spawning and rearing area for steelhead and cutthroat | 10- | -04-000 | | Gibbons Creek Fish Passage with Bridge |
| | | | P | T | remove 2 barriers | 2 fish passage projects at upper extent of Frigid Creek for steelhead (?) and cutthroat | 10- | -04-001 | | Frigid Creek Culvert Replacement Design |
| | | | P+ | Tributary | remove 1 barrier, restore X cfs to north fork | Remove Tacoma Power diversion dam in upper North Fork Skokomish to restore fish passage, habitat, and water quantity | 10- | -04-002 | | McTaggert Diversion Dam Removal |
| | | | P | Tributary | remove 2 barriers | Replace 2 fish passage barriers in upper North Fork Skokomish | 10- | -04-003 | | McTaggert Culvert Replacements |
| \$120,000 | | | I,W | Tributary | 4000 feet | Place woody debris by helicopter to improve rearing habitat in tidal creek system | 10- | -01-014 | | Lower Skobob Creek Complexity |
| | design, permitting, | | | | | General category of restoration as a placeholder for results of General Investigation | | | | |
| ? | construction | ? | | Tributary | ? | | Not | ot in HWS | - | ELJs in mainstem, Vance |
| | | | I,F | Mainstem | 460 feet | Install 5 log jams approximately 1/2 mile upstream of old North Fork confluence | 10- | -01-005 | | Five Mile Creek Engineered Log Jams |
| | | | | | | General category of restoration as a placeholder for results of license agreement and subsequent planning for spring chinook | | | | |
| ? | | | | Tributary | multiple miles | | Not | ot in HWS | ļ | ELJs in North Fork |
| | | | | | | Haul woody debris by helicopter and place in channel by conventional means; start in USFS and TP Holman Flats and move through upper south fork and tributary junctions; riparian plantings | | | | Upper South Fork, Holman Flats, and Tributary Floodplain-Channel-Riparian |
| | | | I,F | Mainstem | 4 miles | arroually functions, ripartan plantings | 10- | <u>-01-007</u> | | Restoration |
| | | | | | | Deconstruct levee system at historic confluence of North and South Forks, enhance resulting channels | | | | |
| ? | monitoring | ? | I,F,R | Mainstem | 1.5 miles | | 10- | -01-015 | ļ | Car-body Levee Removal and Channel Complexity |
| | | | | | | Deconstruct abandoned road system to reconnect adjacent wetlands and floodplains to the lower Skokomish River; Bourgault was WSDOT mitigation site, River RD was USFWS funded | er . | | | |
| ? | | | F,W | Mainstem | 0.5 miles | | Not | t in HWS | | Skokomish River and Bourgault Road Partial Removals |
| ? | additional construction | ? | I,W,R,F | Mainstem | ? | General category of restoration as a placeholder for results of General Investigation | Not | ot in HWS | | Dike Removal and/or setbacks-TBD by GI |
| | | | | | | In addition to general category of restoration as a placeholder for results of General Investigation, also includes Purdy Creek 101 rebuild | | | | |
| ? | ? | ? | W,F | Mainstem | | | Not | ot in HWS | | SR101 and SR106 road prisms/bridges - TBD by GI |
| | | | | | | Increase hydrologic maturity within Skokomish basin | | | | |
| ? | strategy, | | U | Headwaters | | | Not | ot in HWS | ļ | Silviculture Treatments for increased hydrologic maturity |
| | landowner outreach, | | | | | Protect high quality habitats and purchase impaired habitats for future restoration | | | | |
| \$500,000 | transactions landowner | \$500,000 | L | Mainstem | 700 acres, 4 miles | | 10- | -02 | <u> </u> | Protect habitats through conservation tools |
| | outreach, fencing, farm | | | Mainstem and | | Work with Mason Conservation District and private landowners to improve stewardship through public incentive programs such as Farm Plans Cost Share, Environment Quality Improvement Program, Wildlife Habitat Improvement Program, and BMP construction | | | | |
| \$100,000 | plans, | \$100,000 | R | Tributaries | 2 miles | EATTOINION Quarty Improvement Frogram, whethe franka improvement frogram, and Divir constitution | Not | ot in HWS | | Farm Plans, and BMPs |

| Projects repre | sent all 4 prior | rity Domains to | allow more comprehensive tracking | of salmon recovery | while supporting co | ommunity values. | | | 200 | 07 | 2008 | 3 | 2009 | | 201 | 10 | 201 | 11 | 201 | 2 | 20 |
|----------------|------------------|---------------------|---|---------------------------|---------------------|------------------|------------------|------------------------------------|--|---------------------------------------|--|-------------|--------------------------------------|--------------|---|-------------|--|--------------|---|-------------|----------------------------------|
| Domain | Bio Rank / | Primary Limiting | | | Total cost | Unfunded Portion | Existing Funding | | | | | | | | | | | | | | |
| Priority | EDT | Factors | Action name and description | Likely sponsor | <u> </u> | 1 | | funds | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope scoping, |
| | | | Riparian plantings and noxious wee | d | | | \$404,044 | NRCS, USDA, | | | | | design seening | | cooping planting | | saaning planting | | seening planting | | planting, inventory and |
| 1 | | 1,3,4,5 | control | MCD, multiple | | | | SRFB, PSP | | | | | design, scoping, planintg | | scoping, planting, inventory and control | \$404,044 | scoping, planting, inventory and contro | 1 | scoping, planting, inventory and control | | control |
| 1 | | 4,5,6,7 | USFS Road Decommission - North Fork 14km | SWAT | ? | | | | | | | | | | | | | | design, permitting | \$30,000 | construction |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | USFS Road Decommission - South | uSFS and | \$10,033,400 | \$9,433,400 | \$600,000 | federal approp., SRFB, PSP, EPA | , construction, design, | | construction, design, | | construction, design, | | construction, design, | | construction, design, | | construction, design, | | |
| 1 | | 4,5,6,7 | Fork 93km USFS Road Decommission - Vance | SWAT USFS and | | | - | USFS | permitting | ? | permitting | \$600,000 | permitting | \$3,010,020 | permitting | \$3,511,690 | permitting | \$2,911,690 | permitting | ? | construction |
| 1 | | 4,5,6,7 | Creek 6km | SWAT | ? | | | | | | | | | | | | | | design, permitting | \$30,000 | construction |
| | | | | | 62 126 400 | ? | 2 | federal approp., | | | | | | | | | | | | | |
| 1 | | 4,5,6,7 | Road Drainage and Stabilization - South Fork | USFS and SWAT | \$2,128,400 | f | 1 | | , planning, permitting, construction | 9 | planning, permitting, construction | \$638,460 | construction, BMPs | \$744,970 | construction, BMPs | \$744,970 | 2 | , | 2 | 9 | 7 |
| 1 | | 4,5,0,7 | South Fork | SWAI | | | - | USFS | construction | · · · · · · · · · · · · · · · · · · · | construction | \$638,460 | construction, BMFs | \$744,970 | construction, BIMFS | \$744,970 | | | | | |
| | | | | USFS and | 476,250 | ? | ? | federal approp., SRFB, PSP, EPA | | | | | | | | | | | | | |
| 1 | | 4,5,6,7 | Road Maintenance | SWAT | | | | USFS USFS | construction | ? | construction | \$142,875 | construction | \$166,688 | construction | \$166,687 | construction | ? | construction | ? | construction |
| 1 | | 1,2,3,7 | Lilliwaup Instream Restoration | LLTK | 60,000 | 455,500 | \$60,000 | SRFB, in-kind | | | | | | | assessment and design | \$60,000 | final design and funding strategy | \$55,500 | construction | \$400,000 | monitoring |
| | | | | | | | | | | \$2,591,276 | | \$7,135,225 | | \$10,729,798 | | \$8,612,391 | | \$3,759,426 | | \$2,495,000 | |
| Eastern Strai | its | | | | | | | | | | | | | | | | | | <u> </u> | | |
| | | 2,3,5,7 | G /G F / IW | NOSC, WDFW, DNR, JCD | | | | DNR, WDFW, NOAA,PSP, | | | | | | | | | | | | | |
| | | | Snow/Salmon Estuary and Wood Waste Restoration, plus | | \$1,690,215 | \$0 | \$1,690,215 | SRFB, Oil Spill | final design, permitting; derelict building | | | | | | monitoring and | | monitoring; demolition of | | | | |
| 1 | | | | | | | | | removal | \$100,000 | construction, replanting | \$1,460,215 | monitoring, planning, planting | \$20,000 | planting and property transaction | \$90,000 | Pfleuger | \$40,000 | monitoring | ? | |
| | | 2,7 | Snow/Salmon Estuary Railroad Grade Removal Feasibility and | NOSC, WDFW, JCD | \$100,000 | \$0 | \$100,000 | SRFB, PSP | | | | | | | | | | | | | |
| 1 | | | Design | | \$100,000 | 50 | \$100,000 | | | | scoping | \$0 | feasibility and design | \$50,000 | prelinary designs and partner coordination | | continue design in restoration phase | | | | |
| 1 | | 2,3,5,7 | Snow/Salmon Railroad Grade Removal | NOSC, WDFW, JCD | \$200,000 | \$200,000 | \$0 | NOAA, PSP | | | | | | | | | | | further scoping and funding strategy | \$0 | final design and construction |
| 1 | | 2,3,5 | Snow Creek Delta Cone and Estuar | | \$199,295 | \$0 | \$199,295 | NOSC | | | | | | | | | continue design, | \$199,295 | | 9 | Constitution |
| 1 | | 2,3,5 | Design Snow Creek Delta Cone and Estuar | | \$800,000 | \$800.000 | \$0 | NOAA, PSP, | | | | | | | | - | permitting further scoping and | 1 | funding strategy | | |
| 1 | | 2,3,5 | Restoration Maynard Nearshore Restoration | JCD NOSC, WDFW, | \$670,000 | ? | 9 | NRCS NOAA, PSP, | | | | - | | | further scoping and | | funding strategy final design and | \$0 | final design | ? | construction |
| 1 | | 1,2,3,6 | Maynard Nearsnore Restoration | JCD, JMRC WDFW, NOSC, | \$670,000 | , | | JMRC, SRFB private donation, | | | Put on hold due to | - | | - | funding strategy | \$0 | construction | \$200,000 | monitoring | ? | |
| | | -,-,-,- | Snow/Salmon Reconnection | JCD | 610.000 | | | ESRP, PSP | , | | hydrology impacts on | | | | | | | | | | |
| | | | Feasibility and Design | | \$10,000 | \$0 | \$10,000 | | | | adjacent structures/bridge and | | | | | | | | | | |
| 1 | | 3,5 | ļ | JCD, NOSC, | | | | SRFB, | feasibility, planning | \$10,000 | landowner issues | \$0 | further scoping | | further scoping | | further scoping | | further scoping | | further scoping |
| | | 5,5 | | WDFW, | | | | CREP,PSP | | | | | | | | | | | | | |
| | | | Snow/Salmon Riparian Restoration | Noxious Weed Board | \$518,461 | \$216,000 | \$302,461 | | | | | | | | | | maintenance, assessment, planting | | | | |
| | | | Show/Sumon repartan restoration | • | \$5.10,101 | \$210,000 | \$302,401 | | | | landowner contacts, planting on WDFW, | | maintenance, | | maintenance, assessment, new | | for Hwy20, Hwy 104, Upper Salmon, | | maintenance, | | maintenance, |
| 1 | | | | | | | | | planting, fencing, etc not included in cost | | Houck, Compass Rose, bridge on Bowman | \$218,461 | assessment, new estuary plantings | \$50,000 | estuary plantings, DFW connector | \$50,000 | Mid Salmon, Lower Disco Bay | \$50,000 | assessment, planting for Upper Snow, etc | \$50,000 | assessment, planting |
| | | 1,3,4,5,6 | Snow/Salmon Floodplain and | Jefferson Land | \$1,225,000 | \$500,000 | 6725 000 | USFWS, | | | oriage on Bownian | \$210,401 | plantings | \$50,000 | Snow Ck estuary | \$50,000 | Disco Day | \$50,000 | ioi opper snow, etc | φ50,000 | planting |
| 1 | | | Nearshore Protection | Trust, NOSC, JCD, WDFW | | \$500,000 | \$725,000 | IAC,PSP, SRFB | included in costs | | transactions | \$300,000 | Ruck | \$425,000 | parcels, given willingness | \$200,000 | transactions | \$100,000 | transactions | \$200,000 | |
| | | 1,3,7 | West Uncas Road Culvert Retrofit Design | NOSC, Jefferson County | \$11,000 | \$0 | \$11,000 | NOAA, American Rivers | 3, | | | | | | redesign and temporary passage | | | | | | |
| 1 | | 7 | Design | NOSC, JCD, | | | | PSP, JC PSAR, Jefferson | | | | - | Design and survey | \$10,000 | construction | \$1,000 | | | - | | landowner |
| | | | West Uncas Road Culvert | WDFW, Jeff County | \$25,000 | \$0 | \$25,000 | County | | | | | | | | | | | | | contacts, final design, |
| | | | Replacement | County | φ25,000 | φ0 | \$23,000 | | | | | | | | | | | | | | permitting, |
| 1 | | 1,3,4 | Snow Creek LWD Restoration | NOSC, JCD | | | | PSP, SRFB | | | | - | | | | | | - | | | construction design, |
| 1 | | | Design | | \$100,000 | \$100,000 | \$0 | | | | | | | | | | | | landowner contacts, survey, design | \$100,000 | permitting, construction |
| | | 4,5,6,7 | | USFS, NOSC | | | | USFS, SRFB,PSP | | | | | | | | | | | | | |
| | | | Snow/Salmon Road | | \$150,000 | \$150,000 | \$0 | SKI D,FSF | | | | | | | | | | | | | |
| | | | Decommissioning and Stabilization | 1 | | | | | | | | | | | | | | | | | Permitting and |
| 1 | | 2,7 | Edman M. 1.5 | JCD, MRC, | \$125,000 | 6100.000 | 625.000 | ESRP, PSP | - | | | - | | | landowner | | landowner | | Design landowner | \$30,000 | construction landowner |
| 1 | | 1,3,5 | Fairmount Marsh Restoration | NOSC Jefferson Land | \$125,000 | \$100,000 | \$25,000 | RCO, Jeff Co | design | \$25,000 | landowner discussions | \$0 | landowner discussions | \$0 | discussions | \$0 | discussions | \$0 | discussions | \$0 | discussions |
| | | 1,0,0 | Chimacum Creek Priority Lands | Trust, NOSC, | \$1,800,000 | \$900,000 | \$900,000 | Conservation | transactions, landowner | | | | | | | | | | | | |
| 2 | | | Conservation | JCD | | | | Futures,PSP | contacts (cost not included) | | landowner contacts, transactions | \$300,000 | transactions | \$300,000 | transactions | \$300,000 | | | transactions | \$300,000 | transactions |
| 2 | | 1,3,4,5,7 | Chimacum Creek Channel Restoration | JCD, NOSC | \$500,000 | \$300,000 | \$200,000 | SRFB, NRCS | construction (cost not included) | | design, permitting, construction | \$100,000 | design, permitting, construction | \$100,000 | design | ? | design, permitting, construction | ? | | | |
| | | | | | · | | | | | | | 2.00,000 | | 2.00,000 | | · | 2311311 4011011 | · | | | |

8/5/11

| | 20 | | | | | | | | | |
|-------|-----------------------------|-----------|---------------------|----------------------------|----------------------------|---|----------|-------------------------------|----------------|--|
| Cost | Scope | Cost | estor-ation Type | Location w/in watershed | Performance | Brief Description | Action # | HWS link | HWS link Cont. | 3 YWP Project Name |
| | scoping, planting, | | | | | MCD and Mason County Noxious Weed Board to conduct outreach to private and public landowners to control knotweed and plant both agricultural openings | | | | |
| | inventory and | | | Mainstem and | | and existing, alder-dominated riparian areas | | | | |
| | control | | | Tributaries | 4 miles | | | 10-05 | 18-02 | Riparian plantings and noxious weed control |
| ? | | | U | Headwaters | 8.7 miles | Decommission high priority roads for aquatic risk | | 10-06-004 | | USFS Road Decommission - North Fork 14km |
| | | | | | | | | | | |
| | | | | | | Decommission high priority roads for aquatic risk | | | | |
| ? | construction | ? | U | Headwaters | 70.5 miles | | | 10-06-003 | | USFS Road Decommission - South Fork 93km |
| ? | | | U | Headwaters | 3.7 miles | Decommission high priority roads for aquatic risk | | 10-06-011 | | USFS Road Decommission - Vance Creek 6km |
| | | | | | | | | | | |
| ? | 2 | | U | Headwaters | 149 miles | Stabilize roads to reduce aquatic risk | | 10.06.002 | | Dard Davings and Carbillandian County Fords |
| ! | ? | 7 | U | Headwaters | 149 miles | | | 10-06-002 | | Road Drainage and Stabilization - South Fork |
| | | | | | | Maintain roads to redue aquatic risk through annual maintenance program | | | | |
| ? | ? | ? | U | Headwaters | | | | Not in HWS | | Road Maintenance |
| ? | | | I,E,R,F | Mainstem | 4000 feet | Work with landowners to design restoration project to remove fill and aggraded sediments in lower floodplain, enhance woody debris, and replant riparian areas | | 09-01-000 | | Lilliwaup Instream Restoration Design |
| 5,000 | | | 1,1,1,1,1 | Hamsen | 1000 1000 | | | 09-01-000 | <u> </u> | Emwap insteam restoration Design |
| | | | | | | | | | | |
| | | | Е | Estuary | 20 acres | | | | | |
| | | | | | | Remove abandoned wood waste pile, remove derelict structures and remediate soil, create new habitat south of highway; conserve Snow Creek Hwy 20 Pfleuger | | 01-03-003; 01- | | Snow/Salmon Estuary and Wood Waste Restoration, plus |
| | | | | | | parcel | | 03-002; 01-03- | | Show/sumon Estuary and Wood Waste Restolation, prus |
| | | | E | Estuary | | | | 000; 01-03-001 | 01-02-010 | |
| | | | | | | Assess options for removing railroad causeway in lower estuary | | | | Snow/Salmon Estuary Railroad Grade Removal Feasibility and Desig |
| | | | | | | | | 01-03-005 | | |
| 0,000 | monitoring | ? | Е | Estuary | 20 acres | Implement selected alternative to remove abandoned railroad grade in southern estuary between Snow and Salmon Creeks | | 01-03-006 | | Snow/Salmon Railroad Grade Removal |
| | | | Е | Estuary | | Develop final design for Snow Creek Estuary restoration, including floodplain and tidal prism below SR101. | | 01-03-008 | | Snow Creek Delta Cone and Estuary Design |
| | - | | E | Estuary | 12 acres | Implement selected alternative to restore floodplain and tidal prism below SR101, as scoped by the RR Grade Removal study and Delta Cone Removal and | | | | Snow Creek Delta Cone and Estuary Restoration |
| 0,000 | | | E | Estuary | 10 acres | Estuary Design Implement selected alternative to enhance railroad grade in northwestern estuary, including riprap removal, cherry pond connection, contaminated sediments, | | 01-03-009 | | |
| | | | I,W,R,F | Mainstem | 1 mile | forage fish, small stream culvert davlighting, and bridge removal | | 01-03-004 | | Maynard Nearshore Restoration |
| | | | 1, 11,11,1 | Manisten | 1 mile | | | | | |
| | | | | | | Assess benefits and feasiblity of reconnecting Snow and Salmon Creeks; design construction plans | | | | Snow/Salmon Reconnection Feasibility and Design |
| | further scoping | | | | | | | 01-01-001 | | |
| | | | R | Mainstem | 30 acres | | | | | |
| | | | | | | | | 01-05,01-05- | | |
| | | | | | | Plant native vegetation and assess/control exotic invasives; install livestock exclusion fencing, add BMPs, and alternative water systems | | 000,01-05- | | Snow/Salmon Riparian Restoration |
| | maintenance, assessment, | | | | | | | 010,01-05- 011,01-05- | | |
| ,000 | planting | \$50,000 | Y | Mainstem | 200 acres | | | 013,01-05-014 | 18-01 | |
| | | | L | Manisteni | 200 acres | Protect high quality habitats and purchase impaired habitats for future restoration in floodplains and estuary; includes planning effort to work with willing landowners | | | | Snow/Salmon Floodplain and Nearshore Protection |
| | - | | I,P,F | Mainstem | | | , | <u>01-02</u> | | |
| | | | | | | Assess design options and costs for replacing culvert with bridge to ease passage and restore habitat forming processes; temporarily provide for passage with sand bag weirs. Permitting agency denied request for retrofit. Culvert replacement is the only viable option for permitting purposes. | ; | 01-04-000 | | West Uncas Road Culvert Retrofit Design |
| | | | I,P,F | Mainstem | 1 mile | | | 01 01 000 | | |
| | | | | | | Implement selected alternative to replace West Unca's RD culvert passage problem | | | | West Uncas Road Culvert Replacement |
| .000 | monitoring | 2 | | | | | | 01-04-001 | | • |
| ,000 | monnoring | | I | Mainstem | 1 mile | | | O1 07-001 | | |
| , | construction | ? | | | | Landowner outreach, feasibility, and design of project to improve channel complexity and instream functions through summer chum range | | 01-01-002 | | Snow Creek LWD Restoration Design |
| | | | U | Headwaters | 7 miles | | | | | |
| | | | | | | Decommission, convert to trail, or stabilize highest priority roads for aquatic risk | | 01-06-001; 01- | | Snow/Salmon Road Decommissioning and Stabilization |
| ÷ | | | | | | December of content to daily of satellize ingress priority roads for aquate flox | | 06-002; 01-06- 003; 01-06- | | Show Samon Road Decommissioning and Stabilization |
| · | | | | | 8 acres, 800 feet channel? | Damous abandanad asusayay ta ractara paakat marah habitat adigaant ta Spay/Salman watambad walkas bull-haad with saftakas wet with | | 004; 01-06-005 | | |
| ,000 | | | | Morino | | Remove abandoned causeway to restore pocket marsh habitat adjacent to Snow/Salmon watershed; replace bulkhead with softshore protection; project | | : | 1 | Fairmount Marsh Restoration |
| | construction? | \$100,000 | М | Marine | | indefinitely on hold given landowner concerns | | 01-03-007 | ļ | Turinount Music Notice (Control of Control o |
| 0,000 | construction? | \$100,000 | M L | Marine Mainstem | 500 acres | | | 01-03-007 | | |
| 0 | construction? | \$100,000 | M L | | | indefinitely on hold given landowner concerns Protect high quality habitats and habitats for restoration in summer chum range; maintain headwater working forests | | 01-03-007 02-02 | | Chimacum Creek Priority Lands Conservation |

| rojects repres | ent all 4 priority I | Domains to | allow more comprehensive tracking | of salmon recovery | while supporting co | ommunity values. | | | 200 | 7 | 2008 | | 200 | 9 | 201 | 0 | 20: | 11 | 201 | 2 | |
|----------------|----------------------|---------------------|--|--------------------------------|---------------------|------------------|------------------|------------------------------|--|-----------|--|-------------|----------------------------------|-------------|---|--------------|--|----------------|---|---------------------------------------|---------------------------|
| Domain | | Primary Limiting | | | Total cost | Unfunded Portion | Existing Funding | Source of other | | | | | | | | | | | | | |
| Priority | EDT | Factors | Action name and description | Likely sponsor | | | | funds | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope |
| | | 3,5 | Chimacum Creek Riparian | JCD, NOSC | 0750.000 | 0.450.000 | | SRFB, NRCS, FSA | | | | | | | Chim. Beach planting, solanum | | planting, landowner contacts, solanum | | maintenance, | | maintenance, planting, |
| | | | Restoration | | \$750,000 | \$450,000 | \$300,000 | | | | | | | | assessment/ control, | | assessment/ control, | | planting, landowner | _ | landowner |
| 2 | | 2,3 | | NOSC, WDFW | | | - | SRFB, ESRP, | multiple | | multiple | | multiple | ? | maintenance | ? | maintenance final design, | ? | contacts | ? | contacts |
| | | -,- | Chimacum Estuary Restoration Phase 2 | 1.050, 1.21 | \$300,000 | ? | ? | Ecology, PSP | | | | | | | | | permitting, | | | | |
| 2 | | 2,7 | 1 Hase 2 | JSKT, WSDOT, | | | | WSDOT, ESRP, | | | | | | | pre-design | \$20,000 | construction feasiblity from | \$260,000 | monitoring | \$20,000 | |
| | | 2,/ | Kilisut Harbor/Oak Bay | WDFW,NOSC | \$2,000,000 | \$1,980,000 | \$20,000 | USACE USACE | | | | | | | | | PSNERP, 30% | | | | |
| 2 | | | Reconnection | | \$2,000,000 | \$1,980,000 | \$20,000 | | | | 4: | \$0 | 4: | \$0 | Diamaian | 6 | design, funding | \$20,000 | funding strategy and | \$20,000 | design and |
| | | 2 | | JCD, Jefferson | | | · | ESRP, PSP, | + | | discussion | 30 | discussion | 30 | Discussion | 31 | 0 strategy | \$20,000 | further design | \$20,000 | permitting |
| | | | Oak Bay Park Sand Lance Habitat | County, MRC | \$250,000 | \$200,000 | \$50,000 | SRFB, NWSI | | | | | | | | | | | | | |
| | | | Restoration | | \$250,000 | \$200,000 | \$50,000 | | | | 12 | 60 | 6 7.77 | 625,000 | cultural resource | | cultural resource | | design and | 625,000 | |
| 4 | | 2 | Fort Townsend State Park Shoreline | MRC. State | 6250.000 | #250 000 | | NWSI, State | + | | discussion | \$0 | feasibility and design | \$25,000 | review | | review | - | permitting design and | \$25,000 | construction |
| 4 | | | Restoration | Parks | \$250,000 | \$250,000 | \$0 | Parks | | | | | discussion | \$0 | funding strategy | | 0 | | permitting | \$50,000 | construction |
| | | | | | | | | | <u> </u> | \$135,000 | | \$2,378,676 | <u> </u> | \$980,000 | _ | \$711,000 | 4 | \$869,295 | _ | \$745,000 | _ |
| uilcene | · · · | | } | 1 | : | · · | 1 | | , , | | · | 1 | | 1 | * | | | | · | : | _ i |
| | | 2 | | NWI, TNC, | | | | USFWS, SRFB, | | | | | | | | | | | | | |
| | | | Tarboo/Dabob Bay Protection | DNR, Tribes, Jefferson Land | \$29,000,000 | \$14,000,000 | \$15,000,000 | ESRP, Trust Land Transfer | | | | | | | | | | | | | |
| 2 | | } | | Trust | | | | | | | Transactions | \$2,000,000 | transactions | \$5,000,000 | Transactions | \$10,000,000 | Transactions | \$10,000,000 | transactions | \$2,000,000 | transactions |
| | | 2,5 | | NWI, TNC, | | | | USFWS, NOAA | , | | | | | | | | | | | | |
| | | | Tarboo/Dabob Bay Nearshore | DNR, Tribes, Jefferson Land | \$3,000,000 | \$2,000,000 | \$100,000 | ESRP, SRFB | | | | | | | landowner outreach, | | landowner outreach, | | landowner outreach, | | |
| | | | Restoration | Trust | | | , | | | | landowner outreach, | 640,000 | landowner outreach, | 600,000 | construction, more | 6200,000 | construction, more | 61,000,000 | construction, more | 61 700 000 | |
| 4 | | 1,3,5,6 | | Jefferson Land | | | · | RCO, Jeff Co | + | | early projects | \$40,000 | design and permitting | \$60,000 | design | \$200,000 | design | \$1,000,000 | design two proposed lots in | \$1,700,000 | |
| | | | Big and Little Quilcene Floodplain | Trust, HCSEG, | 61.025.000 | 61.250.000 | | Conservation | | | | | | | | | transactions, | | BQ Linger Longer; | | |
| | | | and Estuary Protection | Tribes, Jefferson County | \$1,835,000 | \$1,250,000 | \$585,000 | Futures,PSP, USFWS | | | Landowner Contacts, | | | | funding strategy and | | including lower Big Quilcene Estuary | | additional in Brush Plant RD reach in | | |
| 1 | | | | County | | | | OSI WS | Transactions in progress | \$250,000 | appraisals, transactions | \$350,000 | transactions | \$250,000 | appraisal | 3500 | 0 (newman) | \$750,000 | LQ | \$250,000 | transactions |
| | | 2,7 | | HCSEG, NRCS, WDFW, | | | | SRFB,USFWS, | | | | | | | | | | | | | |
| | | | Quilcene Wetlands Restoration - Schinke | USFWS | \$800,000 | \$0 | \$800,000 | Landowner, NRCS, Priv. | | | | | | | | | | | | | |
| 1 | | | Schinke | | | | | Business,LIP | design, funding strategy, permitting | \$100,000 | construction | \$700,000 | monitoring | 2 | | | | | | | |
| | · | 2,7 | WDFW Abandoned Wildlife Pond | HCSEG, | \$300,000 | \$0 | \$300,000 | SRFB, ESRP | | | | | | | | 1 | † | <u> </u> | | } ! ! | |
| 1 | | | | WDFW HCSEG, | | | | PSAR, ESRP | design, permitting | \$10,000 | construction | \$290,000 | monitoring | ?? | monitoring | ? | monitoring | ? | | | |
| | | | Big Quilcene Estuary South Bank | | \$620,000 | \$500,000 | \$120,000 | Joseph Control | | | | | | | | | | | | | |
| | | | Levee Removal | | \$020,000 | \$500,000 | 3120,000 | | | | | | | | funding strategy and | 620,000 | 250/ D | £100,000 | final design and | 6100.000 | |
| 1 | 1 | 1,2,3,6,7 | | Jefferson | | | · | PSP, SRFB, ? | + | | D1 6 4 | | | | 10% design | \$20,000 | 35% Design | \$100,000 | permitting | \$100,000 | construction |
| | | | Linger Longer Reach Restoration | County, WDFW, | \$6,000,000 | \$6,000,000 | \$0 | | | | Develop funding strategy; continue land | | | | | | | | | | |
| | | | Emger Eonger Reach Restoration | Tribes | \$0,000,000 | \$0,000,000 | | | finish linger longer | 0.000 | transactions as | | | | funding strategy and | | 250/ 72 | see south bank | | see south bank | |
| 1 | | 1,3 | | Skokomish | | | | SRFB, | assessment | \$60,000 | appropriate | \$0 | | | 10% design | levee above | 35% Design | levee above | permitting | levee above | construction |
| | | | | Tribe, HCSEG | | | | Skokomish | | | | | | | | | | | | | |
| | | | D' 0 '' W 1D 1 | | 61 425 000 | 6200 000 | 61 225 000 | Tribe,PSP, LIP | | | | | | | | | | | | ! ! ! | |
| | | | Big Quilcene Wood Enhancement | | \$1,425,000 | \$200,000 | \$1,225,000 | | | | | | | | | | | | | | |
| | | | | | | | | | | | design, levee removal | | construct phase 1, | | | | | | construct phase 3, monitoring; further | | construct additional |
| 1 | | | | 01 1 25 3 | | | | | design, permitting | \$70,000 | study (see below) | \$60,000 | design phase 2 | \$320,000 | construct phase 2 | \$775,000 | Design Phase 3 | ? | design? | \$200,000 | phase? |
| | | 1,3 | Big Quilcene Levee Removal | Skok Tribe, HCSEG, JCCD | \$64,000 | \$0 | \$64,000 | SRFB, NFWF | | | Feasibility and Conceptual Design | | | | complete study, integrate into Phase 2 | | | | | | |
| 1 | | | Feasibility - Baclawski | | | | | | | | Study | \$64,000 | | | above | | | <u> </u> | | | |
| | | | | HCCC, JCCD, noxious weed | | | | | | | | | | | Brush Plant RD, | | | | | | |
| | | } | Big.Little Quilcene Riparian | board | | | | | | | | | | | Leland Creek, multiple noxious | | knotweed phase 4 | | implement planting | | |
| | | | Restoration | | | | | | | | | | | | weed parcel; | | and planting plans | | plans and | | |
| 1 | | 1,3 | Little Quilcene Mclanahan Reach | HCSEG | | | · | HCSEG,PSP | land transaction (not | | | | | | maintenance | \$100,000 | andmaintenance analysis and | \$100,000 | maintenance permitting and | ? | |
| 1 | | ٠,٠ | Restoration | | \$210,000 | \$210,000 | \$0 | | included in cost) | | | | | | | | feasibility | \$50,000 | construction | \$150,000 | monitoring |
| | | | Little Quilcene Brush Plant RD | HCCC, JCCD, HCSEG | \$205,000 | \$0 | \$205,000 | SRFB, PSP, NFWF | | | | | reach assessment and | | funding strategy, | | finish design and | | | | |
| 1 | | } | Reach Restoration | IICSEG | φ203,000 | φυ | \$203,000 | ,,,, | | | | | prelim design with landowners | ? | permitting and design | \$20,000 | permitting; construction | \$185,000 | monitoring | ? | |
| | | 2 | | HCSEG, | | 1 | | SRFB, PSP | | | | | | 1 | complete | 520,000 | 1 | 1 2.00,000 | | · · · · · · · · · · · · · · · · · · · | |
| 1 | | } | Little Quilcene Delta Cone Remova | WDFW | \$950,000 | \$0 | \$950,000 | | | | design | \$100,000 | permitting, construction | \$800,000 | construction; monitoring | \$30,000 | monitoring | \$10,000 | monitoring | \$10,000 | |
| * | | 2,7 | } | HCSEG, NRCS, | | · | - | SRFB, NRCS, | | | | φ100,000 | permitting, construction | . \$600,000 | momornig | 920,000 | monitoring | 910,000 | inomornig | ψ10,000 | |
| | | } | Little Quilcene Estuary Restoration | WDFW, Jefferson | \$1,665,000 | \$0 | \$1,665,000 | Jefferson | design, permitting of | | construction, land | | | | | | | | | i i i i | |
| 1 | | } | | Jefferson County, Tribes | | | | County,PSP, ESRP | river project; construct donovan bridge | | transaction (not included in cost) | \$1,665,000 | monitoring | ? | monitoring | ? | monitoring | ? | monitoring | ? | |
| | | 2,3 | | WDFW, TNC, | | | † | USFWS, JLT, | | | | 1 | | | | | | | | | |
| | | } | Quilcene Bay/Donovan Creek | JCCD, JLT, HCSEG | \$1,040,084 | \$0 | \$1,040,084 | TNC | | | | | | | | | | | | | |
| | | } | Acquisition and Restoration | I.COLO | | | | | | | | | design, appraisals | \$20,000 | designs, appraisals | 2 | land transactions, restoration | \$1,020,084 | monitoring | 9 | monitoring |
| 1 | | | | | |) | 1 | | <u> </u> | | | 4 | acoign, appraisais | Ψ20,000 | acoigno, appraisais |) · | | , \$1,020,004 | ,omtoring | | omornig |
| 1 | | | | - | | | | | | \$490,000 | | \$5,269,000 | | \$6,430,000 | | \$11,180,000 | | \$12,195,000 | | \$4,410,000 | |

| | | Restor-ation | Location w/in | | Brief Decembring | | | | |
|---|-------------|--------------|---|---|--|--------------------|----------------------|----------------|---|
| ost Scope | Cost | Type | watershed | Performance | Brief Description | Action # HW | S link | HWS link Cont. | 3 YWP Project Name |
| maintenance, planting, | | R | Mainstem | 100 acres | | | | | |
| landowner | | | | | Improve riparian conditions through existing site maintenance, new riparian plantings, fencing, and weed control | | | | Chimacum Creek Riparian Restoration |
| contacts | ? | | | | | 18-01 | | 02-05 | |
| | | Е | Estuary | 15 acres | Remediate contaminated soils and restore estuarine and shoreline functions by removing/remediating non-native fill and replanting shoreline to the south of | | | | Chimacum Estuary Restoration Phase 2 |
| | | | | | Chimacum estuary phase 1 site | 02-03-0 | 01 | | |
| | | M,F | Marine | 11 miles | Replace undersized culverts with bridge length on Marrowstone Island causeway to restore natural tidal inundation and access to and from Scow Bay for Puget | | | | |
| | | | | | Replace understated curverts with pringe length on marrowstone island causeway to restore natural tidal inundation and access to and from Scow Bay for Puget Sound and Hood Canal salmon stocks | | | | Kilisut Harbor/Oak Bay Reconnection |
| 00 construction | \$1,860,000 | | | | | <u>07-02-0</u> | 02 | 07-02-003 | |
| | | M | Marine | 1500 feet | | | | | |
| | | | | | Work with Jefferson County Parks and public to determine project design for marine shoreline restoration, including road abandonment, riprap removal, and replantings | | | | Oak Bay Park Sand Lance Habitat Restoration |
| 0 monitoring | ? | | | | 4 | 07-02-0 | 00 | | |
| | 2 | M | Marine | 300 feet | State Parks would like to restore the marine shoreline by pulling back fill and riprap while preserving pedestrian access to the beach | 07.02.0 | | | Fort Townsend State Park Shoreline Restoration |
| 00 monitoring | ? | | | | tanks would like to resort the maine shoreing of paining ones in the proof ing precision access to the octor. | <u>07-02-0</u> | 01 | | Tott Townsend State Land Shortime Restoration |
| ~ | | | | | | | . | | |
| | | | | | | | | | |
| | | M,L | Marine | 3,600 acres, 1 mile shoreline | Protection of state timber and private lands within the 3,600 acre Dabob Bay Natural Area to protect ecosystem functions and processes, and diverse habitats in | | | | |
| | | | | | one of the highest quality and largest saltmarsh estuaries remaining in the Hood Canal and Straits of Juan de Fuca region. The project includes acquisition of | | | | Tarboo/Dabob Bay Protection |
| | | | | | 1,400 acres of private lands from willing landowners and use of Trust Land Transfer funds for State lands. | 06-02 | | | |
| | | M | Marine | 3000 feet | | 00-02 | | | |
| | | | | | Remove rock and creosote bulkheads, shoreline fill, unstable shoreline roads, and plant and maintain shoreline riparian forests at priority restoration sites within | | | | Dahah Day Crassata Dull-Land Damana |
| | | | | | Tarboo-Dabob Bay. | | | | Dabob Bay Creosote Bulkhead Removal |
| | | | | | | Not in HV | VS | | |
| | | L | Mainstem | 150 acres | | | | | |
| | | | | | Protect high quality habitats and purchase impaired habitats for future restoration; includes planning effort to work with willing landowners; | | | | Big and Little Quilcene Floodplain and Estuary Protection |
| Schinke | 2 | | | | | 03-02 | | į | |
| Schinke | · | E | Estuary | 50 acres | | 03-02 | | | |
| | | | | | Obliterate saltwater levees south of Big Quilcene River on willing landowner property to restore salt marsh habitat and tidal channels; include abandoned WDFW | | | | 0.7 W. 1. D |
| easement | | | | | pond; donated easement. \$25,000 is needed to fund landowner conservation transactions, which are on hold | | | | Quilcene Wetlands Restoration - Schinke |
| transaction | donated | | <u>.</u> | | | 03-03-0 | 03 | | |
| | | Е | Estuary | 4 acres | Remove failed levee system constructed as a wildlife pond by WDFW at the mouth of the Big Quilcene River | 03-03-0 | n_4 | | WDFW Abandoned Wildlife Pond |
| | | Е | Estuary | 2000 feet, 30+acres | | 05 05 0 | V-T | | |
| | | | | | Remove remaining levee on south bank of Big Quilcene estuary; PSNERP funded 10% and Navy funded 35% designs | | | | Big Quilcene Estuary South Bank Levee Removal |
| .000 monitoring | 9 | | | | | 03-03-0 | 11 | | 5 C |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | I,W,E,L,R,F | Mainstem | | | 33 33 3 | | | |
| | | | | | Continue Linger Longer Reach Restoration with the end goal of restoring floodplain processes below Rogers Street and reconnecting freshwater and tidal link. This project will include widening the floodplain, creating increased channel habitat, widening the existing bridge, and removing last estuary dike on north bank. | | | | Linger Longer Reach Restoration |
| | | | | | PSNERP funded 10% design and Navy is funding 35% design. | 02.01.0 | | 03-03-009, | |
| 000 monitoring | | LF | Mainstem | 4000 feet | | <u>03-01-0</u> | 01 | 011, 013, 014 | |
| | | -,- | 111111111111111111111111111111111111111 | 1000 1001 | | 03-01-0 | 04. 03- | | |
| | | | | | | 01-005, | | | |
| | | | | | Place woody debris and remove riprap and two levees to improve channel and floodplain complexity and instream functions through summer chum range | 006, 03 | | | Big Quilcene Wood Enhancement |
| | | | | | | 007, 03 03-01-0 | -01-008, 109, 03- | | |
| | | | | | | 01-010 | | | |
| | | I,R,F | Mainstem | 0.25 miles | Model floodplain with new LiDAR data in 2 dimensional model; assess liabilities and options for removing or setting back small levee on Baclawski property; | | | | P. O. J. V. P |
| | | | | | determine preferred alternative and conceptual design | 03-01-0 | 09 | ĺ | Big Quilcene Levee Removal Feasibility - Baclawski |
| | | | | | | <u>55 51 0</u> | | | |
| | | | | | | | | | |
| | | | | | Plant new sites, maintain previous plantings, assess and control noxious weeds, particularly knotweed | | | | Big.Little Quilcene Riparian Restoration |
| | | | | | | 03-05 | | | |
| | | I,F | Mainstem | 2000 feet | Remove riprap and add wood to restore floodplain and channel habitats in lower river below Center Road | | | | Little Quilcene Mclanahan Reach Restoration |
| 000 | | | | | Acmore riprap and add wood to restore noodprain and channel naturals in lower river below Center Road | 03-01-0 | 15 | 03-01-016 | Entile Quincene iviciananan Reach Restoration |
| | | | | | Replace riprap with LWD and add LWD to channel to restore floodplain and channel habitats in middle river above Center Road | | | | Little Quilcene Brush Plant RD Reach Restoration |
| | | | | | Acquired April 2012 and add 2012 to channel to restore hoodplain and channel naturals in initials for above Center road | 03-01-0 | 17 | | Entire Vanceire Brasii i iant KD Reach Restolation |
| | | Е | Estuary | 25 acres | | 33 31 0 | | | |
| | | | | | Remove delta cone to restore linkage between tidal and freshwater hyrdaulic forces; create new channel for avulsion potential as well as blind tidal channels | 03-03-0 | 110 | | Little Quilcene Delta Cone Removals |
| | | Е | Estuary | 20 acres | | 03-03-0 | 10 | ····· | |
| | | | , | | Remove north bank levee, remeander, and add LWD in lower LQ River; replace donovan culvert with bridge | | | ĺ | Little Quilcene Estuary Restoration |
| | | | | | Total Division of the second o | 03-03-0 | 05 | 03-03-006 | Entire Quiteene Estatily Restoration |
| | | I,E,L,R | Estuary | 93 acres, 3500 feet channel, 15 acres riprian, 120 pieces | | <u>U3-U3-U</u> | <u>co</u> | 03-03-000 | |
| 1 | | | | LWD | | | | ļ | Ouileana Boy/Densess Courle A 1977 I.B. 1977 |
| | | | | | This project aims to protect and restore nearly 50 acres of tidal marsh, freshwater wetland and stream channel habitat along the lower reach of Donovan Creek as | | | | Quilcene Bay/Donovan Creek Acquisition and Restoration |
| | | | | | | : | | | |
| 000 | | | | | it enters the head of Quilcene Bay in Hood Canal, Washington. | 03-03-0 | 12 | | |

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| Projects repre | sent all 4 priority Domains t | o allow more comprehensive tracking | g of salmon recovery | y while supporting co | mmunity values. | | | 20 | 107 | 2008 | | 200 | 9 | 201 | 10 | 2011 | | 201 | 2 | 2 |
|----------------|-------------------------------|---|------------------------------------|------------------------|------------------------|------------------|--|---|----------------------|---|------------------|--|-------------|--|-----------|--|-----------------------|---|---------------------------------|--|
| Domain | Bio Rank / Primary Limiting | | | Total cost | Unfunded Portion | Existing Funding | Source of other | | | | | | | | | | | | | |
| Priority | EDT Factors | Action name and description | Likely sponsor | 1 | } | | funds | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope |
| 1 | 1,2,3,7 | Union Estuary Johnson Farm Restoration Design | HCSEG, WDFW, PNWSC | \$130,800 | \$0 | \$130,800 | HCSEG, SRFB, PSP | land transaction (not included in total cost) | | land transaction (not included in total cost), investigations | | scoping and various investigations, fund design study | \$20,000 | public process, final design, permitting | \$100,000 | select final alternative, permitting, funding strategy | \$10,800 | | | |
| 1 | 1,2,3,8 | Union Estuary Johnson Farm Restoration -Construction | HCSEG, WDFW, PNWSC | \$2,000,000 | \$2,000,000 | \$0 | federal, SRFB, NRCS | included in total cost) | | investigations | | ucsigii study | \$20,000 | ucsign, permitting | \$100,000 | Strategy | \$10,000 | | | construction |
| | 1,2 | Union and Tahuya River Floodpla and Estuary Protection | | \$500,000 | \$500,000 | \$0 | SRFB, Mason County, CLC,PSP | | | | | | | | | | | | | |
| 1 | 1,3,5 | Union and Tahuya River Floodplat and Channel Enhancement | in HCSEG, WDFW | \$1,112,352 | \$600,000 | \$512,352 | SRFB, NFWF, WDFW, | | | | | construct 2 LIP projects Union; lower tahuya | | | | strategy, outreach | ? | transactions | \$300,000 | transactions |
| 1 | 1,2,3,5 | Union and Tahuya Riparian | HCSEG, MCD | | | | USFWS,PSP HCCC, PSAR, | implement several smaller projects | ? | survey and design 2 LIP projects | ? | reach assessment and design for LWD | \$309,337 | landowner | | construct Tahuya LWD | \$203,015 | design and construction | \$300,000 | design and construction |
| 1 | 22.7 | Restoration | CDC NDCC | \$340,000 | \$300,000 | \$40,000 | FSA | | | | | tahuya riparian reach assessment | \$15,000 | discussion, design, funding strategy; union assessment | \$25,000 | lower tahuya planting plans and planting | \$100,000 | planting and maintenance | \$100,000 | planting and maintenance |
| | 2,3,7 | Klingel Estuary Wetland and Riparian Restoration | GPC, NRCS | \$525,000 | \$0 | \$525,000 | SRFB, NRCS,PSP | | | | | | | final design, permitting, construction, | | planting (not included in cost), complete construction, | | | | |
| 1 or 2 | 1,3,4,5,6 | Tahuya to Union Headwaters Conservation | WDFW, DNR, HCA, CLC | \$6,650,000 | \$0 | \$6,650,000 | Forest Legacy, IAC | expand project Design and partner building; funding | \$20,000 | design Appraisal, Negotiations | ? | 0 design Transactions | \$6,100,000 | planting | \$380,000 | monitoring transactions with SRFB funds | \$25,000 \$550,000 | monitoring funding strategy | ? | monitoring transactions? |
| 4 | 2 | Twanoh Falls Community Club Estuary Restoration | HCSEG | \$75,000 | \$65,000 | \$10,000 | LIP, ESRP | Design, landowner outreach | \$10,000 \$30,000 | landowner discussions | \$0 \$100,000 | 1 | \$6,444,337 | | \$505,000 | 1 | \$888,815 | funding strategy, designs, permitting | \$15,000 \$715,000 | construction |
| WY . 17.7 | | | | 1 | † | | | | | | | | - | | | | | | | |
| West Kitsap | | Big Beef to Dewatto Priority Land | ds GPC, WDFW, | | 1 | | Unknown | | | | 1 | 1 | 1 | } | | | | | | |
| 2 or 3 | | Conservation | DNR, HC Alliance | \$1,000,000 | \$1,000,000 | \$0 | | | | | | Design and partner building; funding | 2 | | | Design and partner building; funding | 2 | Appraisal, Negotiations | 2 | Transactions |
| 2 01 3 | 1,3 | IMW Lower Big Beef Restoration Design and Build IMW Little Anderson Channel | | \$600,000 | \$521,000 | \$79,000 | SRFB, PSAR LIP, Kitsap | Design and construct | | Project Development | | Preliminary Design and funding strategy Design and construct | ? | Final Design, permitting | \$79,000 | building, funding | | construction Design and construct | \$521,000 | monitoring |
| 3 | 2,7 | Restoration Dewatto Estuary | HCSEG | \$600,000 \$400,000 | \$250,000 \$400,000 | \$350,000 | County PSP, SRFB, ESRP, coastal | Phase 1 | 15000 | 00 Reach Assessment | \$30,000 | Phase 2 | \$170,000 | Reach Assessment | ? | | | Phase 3 | \$250,000 | monitoring permitting, |
| 2 | 1,3 | Big Beef Creek Conservation 200 | 9 GPC | \$175,000 | \$0 | \$175,000 | wetlands GPC in-kind, donation | | | | | | | | | appraisal, transaction | \$175,000 | design | \$20,000 | construction |
| 4 | 1,2,3 | Martha John Creek Estuary Conservaiton Plan | GPC, PG S'Klallam Tribe | \$47,500 | \$0 | \$47,500 | NFWF | | | | | conservation plan | \$47,500 | continue plan | | appraisar, namedon | Ψ170,000 | | | |
| 4 | 2,3,5 | Kitsap Memorial Bulkhead Restoration | State Parks | \$450,000 | \$0 | \$450,000 | FEMA, State | | | design, discussions | 2 | development | \$47,500 | development | | permitting, construction | \$450,000 | | | |
| 4 | | Restoration | | | | | Parks, ESRP | | \$150,000 | design, discussions | \$30,000 | | \$217,500 | 1 | \$79,000 | construction | \$625,000 | <u> </u> | \$791,000 | i |
| - | 1.1. | | Li Waga | | | | | | | | | | | | | | | | | |
| Dungeness a | and Jimmycomelately (onl | y summer chum stocks considered | d in HCCC process | s) | 1 | 1 | unknown | | | | 1 | | 1 | 1 | | | | 1 | | ; |
| 3 | 2 | Dungeness River Floodplain Restoration | | \$15,000,000 | unknown | unknown | | unknown | unknown | unknown | unknown | unknown | unknown | unknown | unknown | unknown | unknown | RR Bridge Trestle replacement design- only | \$100,000 | |
| | 1,3,5,6 | Dungeness Riparian Habitat | JSKT, WDFW, | \$9,000,000 | \$9,000,000 | \$0 | | | | | | | | | | | | | | |
| 3 | 7 1,3 | Protection | NOLT | | | | EPA design \$\$ | | | | | | | | | | | Dungeness R. RM 12- 18 and Gray Wolf RM 0-2 design and | | Dungeness R. RM 12-18, and |
| 3 | 9 1, 3 | Dungeness River Large Wood Restoration | JSKT, Clallam | \$5,000,000 | \$5,000,000 | \$150,000 | USFWS Ecotrus | st . | | | | | | | | | | Forest Service approval and permitting process. | \$120,000 | Gray Wolf RM to 2 ELJ construction. Buddleia control an |
| | | | | \$500,000 | \$365,000 | \$135,000 | | | | | | | | | | | | Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. | | replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration Replanting |
| 3 | 11 1,2 | Dungeness River Riparian Restoration | JSKT JSKT, | | | | unknown | | | | | | | | | | | Replanting understocked riparian areas. | \$30,000, with \$20k in hand | understocked riparia areas. |
| 3 | 13 | Dungeness River - Meadowbrook Creek Restoration | Dungeness k Farms, CCD, WDFW | \$300,000 | unknown | unknown | NOAA, BOR, | unknown | unknown | unknown | unknown | unknown | unknown | unknown | unknown | unknown | unknown | Engineer design, bid contract, complete permitting | see 2013 | Construct project DIG engineer |
| 3 | 14 | Dungeness River Instream Flow Improvements | CCD and WUA | \$4,680,000 | \$3,730,000 | \$950,000 | Agnew Irr. Dist., DOE, Cons. Comm. | , | | | | | | | | DIG engineer design, construct; AID construct | \$750,000 | DIG engineer design, construct; AID construct | \$200,000 | design, construct; AID construct |
| 3 | 1,3,4 | Dungeness River Habitat Resurve | | \$75,000 | \$75,000 | \$0 | | | | | | | | | | | | habitat survey | \$50,000 | analysis |
| 2 | 3 | Dungeness Drift Cell Conservatio | | \$7,000,000 | \$7,000,000 | \$70,000 | EPA | | | | | | | | 1 | | | | | |
| | - · · | Dangeness Dint Cen Conservatio | ni (JOK i | - | 1 | 1 | 1 | • | 1 | | 1 | 4 | 1 | 1 | k | · : | | • | | |

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| Cost Scope Cost Type March | | 14 | | | | | | |
|---|---------------------------------------|------------------------|--------------------------|--|--------------|--|----------------|---|
| Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of fiver channel, both sides. S500,000 T, F M M M M M M M M M | | | Performance | Brief Description | Action # HV | WS link | HWS link Cont. | 3 YWP Project Name |
| 1,000 2 | - | ** | 40 acres | | | | | • |
| 1, W, R, F N | | | | Design Project - Breach levees strategically and enhance tidal channels and flats to restore tidal inundation to 40 acres of historic salt marsh; bridge breaches with | | | | Union Estuary Johnson Farm Restoration Design |
| 1 | | | | boardwalks; revegetate backshore; enhance adjacent channels | 11-03- | -000 | | , |
| Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. S50,000 I, F N | R,L Estuary | E,R,L Estuary | 41 acres | Construct - Breach levees strategically and enhance tidal channels and flats to restore tidal inundation to 40 acres of historic salt marsh; bridge breaches with | | | | |
| Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. S50,000 S50,000 S50,000 S60,000 S | | | | boardwalks; revegetate backshore; enhance adjacent channels | 11-03- | -003 | | Union Estuary Johnson Farm Restoration -Construction |
| monitoring ? L Ho monitoring ? L Ho monitoring ? I M monitoring ? I M L, I, W, E, R M M Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. Buddleia control and replanting with cottonwood and westerner de cedar. Olandonavers for inparian restoration. Replanting understocked riparian areas. S50,000 R N R N M M OOO Buddleia control and replanting with cottonwood and westerner de cedar. Olandonavers for inparian restoration. Replanting understocked riparian areas. S50,000 W, 1 T | L Mainstem | L Mainstem | 100 acres | | 11-03- | -005 | | Union and Tahuya River Floodplain and Estuary Protection |
| 1, W, R, F N | | | | Protect high quality habitats and purchase impaired habitats for future restoration | | | | |
| DOO | | ? | | | <u>11-02</u> | | | |
| DOO | , R, F Mainstem | I, W, R, F Mainstem | 3000 feet | | | | | Union and Tahuya River Floodplain and Channel Enhancement |
| DOO | | | | Remove riprap, add wood in summer chum range | | | | |
| Corps dike setback and channel restoration S10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. S500,000 I, F M | | ? | 100 | | 12-01- | -000 1 | 2-01-002 | Tri Iri Bi b |
| Corps dike setback and channel restoration S10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. S500,000 I, F M | | | 100 acres | conduct comprehensive riparian assessments in summer chum ranges; landowner outreach; planting plans, planting and maintenance, focusing 2010 in lower | | | | Union and Tahuya Riparian Restoration |
| DOOD COPS dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for ripartan restoration understocked rough and with the cottonwood and western red cedar. Outreach to landonwers for ripartan region. Replanting understocked riparian areas. E, R Ho M L L N L, I, W, E, R M M R N N N N N N N N N N N N | | | | Tahuya River; noxious weed projects described separately in region-wide project below | | | | |
| DOO | , R Estuary | E P Ectuary | 13 acres, 1300 feet dike | | 11-05 | | 2-05 | Klingel Estuary Wetland and Riparian Restoration |
| monitoring ? I monitoring ? I M monitoring ? I M monitoring ? E Corps dike setback and channel restoration restoration slow sides. \$500,000 I, F M Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration punderstocked riparian gunderstocked riparian gunderstocked riparian areas. \$50,000 W, I T | , K Listuary | L, K Estuary | 13 acres, 1300 feet dike | | | | | Kiniger Estuary wettand and Riparian Restoration |
| monitoring ? I monitoring ? I M monitoring ? I M monitoring ? E Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 I, F M Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | Remove levees and tidegate to restore salt marsh and tidal channels; include easter levee wall; build setback dike at edge of road; revegetation plan | | | | |
| M | | | | | 11-03- | -001 1 | 1-05-001 | |
| monitoring ? I Monitoring ? I Monitoring ? E monitoring ? E Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 I, F Monitoring Sides. \$500,000 I, F Monit | L Headwaters | L Headwaters | 3400 acres | Work with large forest landowners to purchase development rights and ensure in perpetuity working forests that form the headwaters of Tahuya and Union | | | | Tahuya to Union Headwaters Conservation |
| monitoring ? I Monitoring ? E Monitoring ? E Monitoring ? E Monitoring P Monitoring | M Marine | M Marina | 250 feet | Rivers; nearing completion of 2630 acres; additional funding required to meet performance measure | 11-02- | -000 | | Twanoh Falls Community Club Estuary Restoration |
| monitoring ? I Monitoring ? I Monitoring ? E Monitoring ? E Monitoring I Monitoring | vi iviai ine | ivi iviarine | 230 feet | Work with Twanoh Falls Community Club to enhance the Twanoh Falls Creek estuary, replace culvert with bridge, and restore marine vegetation in documented surf smelt spawning habitat on the south shore of Lower Hood Canal | Not in H | IWS | | Twanon Fans Community Club Estuary Resionation |
| monitoring ? E monitoring ? E L N L, I, W, E, R N L, I, W, E, R N Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleis control and replanting with cottomwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | L | | | | |
| monitoring ? E monitoring ? E L N L, I, W, E, R N Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | | | | | |
| monitoring ? I M monitoring ? E monitoring ? E L M L, I, W, E, R M Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian output areas. \$50,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian output areas. \$50,000 W, I T | ц | Т | 400 acres | | | | | Big Beef to Dewatto Priority Lands Conservation |
| monitoring ? E monitoring ? E L N L, I, W, E, R N Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | L n | TOU acies | | | | | Dig Deer to Deward I Hority Lands Conservation |
| monitoring ? I M monitoring ? E monitoring ? E L M L, I, W, E, R M Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian output areas. \$50,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian output areas. \$50,000 W, I T | | | | Continue conservation efforts with the Hood Canal Alliance | | | | |
| monitoring ? E DOO | I M | T M | 50 carac | WNEW HCSEC TIW affort to design and rectors increases weed structures wetlands and side short the hit in him to have a likely to the side of the side | Not in H | IWS | | IMW Lower Dig Doof Doctored in Daving and D. 111 |
| monitoring ? E monitoring ? E L N L, I, W, E, R N M Corps dike setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 S50,000 W, I T | ı M | ? M | 50 acres | WDFW, HCSEG, UW effort to design and restore instream wood structures, wetlands and side channel habitat in lower watershed on UW property; treatment associated with IMW program | 15-01- | -000 | | IMW Lower Big Beef Restoration, Design and Build |
| Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 I, F N | I Mainstem | I Mainstem | 8000 feet | HCSEG and HCCC led effort to restore instream woody debris and thus instream and floodplain habitat in middle and lower watershed; treatment associated with | | | | IMW Little Anderson Channel Restoration |
| Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | E Estuary | 7 E Estuary | 20 acres | IMW program | 16-01- | -000 1 | 5-01-001 | Dewatto Estuary |
| Corps dike setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 L, F M | | L Little y | 20 00103 | Remove relict levees in sub-estuary and restore channel complexity; fill dredge hole; replant affected riparian areas | | | | Donatto Estati y |
| Corps dike setback and channel restoration Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 I, F N | , , , , , , , , , , , , , , , , , , , | | 10 | | Not in H | IWS | | Dig Bf Ct- C / 2000 |
| Corps dike setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 Model School Sch | L Mainstem | L Mainstem | 10 acres | Acquire 10 acre parcel with 330 feet of both sides of Big Beef Creek which supports a re-introduced run of summer chum salmon | 15-02- | -000 | | Big Beef Creek Conservation 2009 |
| Corps dike setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 COOO STORMAN STOR | V, E, R Mainstem | L, I, W, E, R Mainstem | 1 Mile | Engage key landowners in development of a conservation plan for Martha John Creek estuary and lower reach, resulting in a strategic conservation plan | | | | Martha John Creek Estuary Conservaiton Plan |
| Corps dike setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, 1 T | Marine | M Marine | 1500 feet | implemented by mulitple organizations | 16-02- | -002 | | Kitsap Memorial Bulkhead Restoration |
| Corps dike setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 COOO STORMARD STO | vi iviai nic | IVI Waine | 1500 feet | Replace creosoted bulkhead with soft bank or no protection to improve drift cell functions and forage fish habitat | Not in H | IWS | | Kitsap Memoriai Buikitead Kestoration |
| setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. S500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landowers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, 1 T | | | | | | | | |
| setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. S500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, 1 T | | | | | | | | |
| setback and channel restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 Stopper Stop | F Mainstem | F Mainstem | 2.4 miles | | | | : | |
| restoration \$10 million Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 Buddleia control and replanting with cottonwood and western red cedar. Outreach to landowers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | Floodplain restoration through the setback or reconfiguration of dikes or armored banks (RM 0 to 10.7) | | | | |
| Purchase of 30 acres and 1,550 feet of river channel, both sides. \$500,000 I, F M Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | \$10 million | | the state of the s | #0909 | 12 | | Dungeness River Floodplain Restoration |
| acres and 1,550 feet of river channel, both sides. \$500,000 I, F N Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | L Mainstem | | 160 Acres | | #0909 | <u>' </u> | | Dungeness Kivel Floodplain Resionation |
| channel, both sides. \$500,000 I, F N Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | The project will protect many previously identified Dungeness River riparian properties downstream of DNR ownership (approximately river mile 12.0) through the purchase of property and conservation easements. High quality riverine forest habitat, particularly those areas with side channels, is a priority for protection. Also included for acquisition are | | | | |
| sides. \$500,000 I, F N Buddleia control and replanting with cottonwood and western red cedar. Outreach to landowers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | properties needed for flood plain restoration projects, an especially high priority on the Dungeness River. The project's goal is to purchase fee simple titles and conservation | | | | |
| Buddleia control and replanting with cottonwood and western red cedar. Outreach to landowers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | easements on approximately 160 acres and about 4 miles of river channel in 8 years. The project will be undertaken as a series of annual phases. | #0903 | 30.1 | | Dungeness Riparian Habitat Protection |
| Buddleia control and replanting with cottonwood and western red cedar. Outreach to landowers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I 1 | F Mainstem | I, F Mainstem | 18 miles | | | | | |
| Buddleia control and replanting with cottonwood and western red cedar. Outreach to landowers for riparian restoration. Replanting understocked riparian areas. \$50,000\$ W, I 1 | | | | Puild El Pand DDI Pain Dungana - Director aircraigh (DM) 274-100 - 41: 4. C. 19/100 - C. 19/100 - C. | | | | |
| Buddleia control and replanting with cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I 1 | | | | Build ELJ's and DBLJ's in Dungeness River from river mile (RM) 2.7 to 18.8 and in the Gray Wolf River from RM 0.0 to 2.0. | | | | |
| Buddleia control and replanting with cottonwood and western red cedar. Outreach to landowers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I 1 | | | | | #0902 | 9.1 | | Dungeness River Large Wood Restoration |
| cottonwood and western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | R Mainstem | R Mainstem | 14 miles | | #0302 | | | Dangonoss River Large WOOd Restoration |
| western red cedar. Outreach to landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I 1 | | | | | | | | |
| landonwers for riparian restoration. Replanting understocked riparian areas. \$50,000 W, I T | | | | | | | | |
| Replanting understocked riparian | | | | Riparian restoration through noxious weed control, replanting native trees, and plant maintenance from the mouth to RM 11. | | | | Dungeness River Riparian Restoration |
| 00 understocked riparian areas. \$50,000 W, I T | | | | | | | | |
| W, I 1 | | \$50,000 | | | #0903 | 31.1 | | |
| | /, I Tributary | | 30 acres | | # 0505 | | | |
| | | | | Reconnect Meadobrook Creek to the Dungeness River at the downstream send and relocate Meadowbrook Creek to its historic channel, | | | | Dungeness River - Meadowbrook Creek Restoration |
| | | | | | #0904 | 1.1 | | - |
| | I Mainstem | I Mainstem | 6.7 - 7.7 cfs | | | - | | |
| DID engineer | | | | The Dungeness Agricultural Water Users Association, comprised of 4 irrigation districts & 3 irrigation companies; have a comprehensive irrigation ditch-piping project that will result in anticipated in-river water savings of 6.7-7.7 cfs. | | | | Dungeness River Instream Flow Improvements |
| DID engineer 0,000 design, construct \$1,230,000 | | \$1,230,000 | | | #0909 | 91 | | · |
| N | Mainstem | | 12 miles | Resurvey in-river habitat conditions from the mouth to Klink Bridge (RM 11.7). Combine this survey with a Forest Service to compare channel conditions to the 1993 habitat | | | | Dungeness River Habitat Resurvey |
| ,000 Conservation L | L Marine | I. Marine | 8.8 miles | survey Permanently conserve drift cell processes throughout 8.8 miles of coastal feeder bluffs in the Dungeness Drift Cell | #0906 | 13.1 | | Dungeness Drift Cell Conservation |

| Projects repre | esent all 4 priori | rity Domains to | allow more comprehensive tracking | of salmon recovery | while supporting cor | mmunity values. | | | 20 | 07 | 2008 | | 2009 |) | 201 | 10 | 20 | 11 | 20 | 12 | 2 |
|----------------------|--------------------|--------------------------------|--|---|----------------------|------------------|---|---|---|-------------|---|----------------------|---|------------------------|--|------------------------|--|------------------------|--|------------------------|---|
| Domain Priority | Bio Rank / EDT | Primary Limiting Factors | Action name and description | Likely sponsor | Total cost | Unfunded Portion | Existing Funding | Source of other funds | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope | Cost | Scope |
| | | 2,7 | | | \$1,762,276 | \$422,669 | \$1339607 (\$116,697 SRFB, \$131,288 EPA, \$1,091,622 ESRP tentative) | | | | | | | | Geomorphic assessment, conceptual designs, cultural resources assessment all completed, begin final design, contract documents, and | | Final design and contract documents completed 3/11; | | Construct restoration project: remove existing culverts and 600' of road, build | 1 | |
| 2 | 5 | 2 | WA Harbor Restoration North Sequim Bay Drift Cell Conservation | JSKT JSKT | \$5,000,000 | \$5,000,000 | \$0 | | | | | | | | permitting | \$116,697 | permitting in process | 3 | 600-foot bridge. | \$1,645,579 | Phase 1, 2, and 3 combined as a design-only |
| 2 | 22 | 1,2 | Elwha River Estuary Restoration | LEKT, CC, WDFW, TNC | \$1,320,000 | \$1,320,000 | \$0 | | | | | | | | | | | | Design & Permitting | \$210,000 | project Implementation |
| 2 | 23 | 2 | WA Harbor Protection | NOLT, JSKT | \$1,020,000 | \$1,020,000 | \$0 | | | | | | | | | | | | Planning and Outreach to landowners | \$10,000 | Planning and Outreach to landowners |
| 2 | 49 | 1,2,3 | Grays Marsh and Gierin Creek | WDFW | \$100,000 | \$100,000 | \$0 | | | \$0 | | \$0 | 1 | \$0 | | \$0 | | \$0 | Conceptual, Feasibility | \$100,000 \$210,000 | 1 |
| n : 1 | | <u> </u> | | | | ļ | - | | | | | | - | | 7 | | 1 | | 1 | | |
| Regional 2 or 3 or 4 | | 2,3,5 | Marine Riparian Initiative | HCCC, JLT, CLC, GPC, RFEGs, CDs, WSU, Noxious Weed Boards | \$900,000 | \$800,000 | | Landowners,PSP, CSF, LIP, ALEA | outreach/eduction, training, planting, monitoring | \$40,00 | outreach/eduction, training, planting, 0 monitoring | \$20,000 | outreach/eduction, training, planting, monitoring | \$40,000 | outreach/eduction, training, planting, monitoring | \$200,000 | outreach/eduction, training, planting, monitoring | \$200,000 | outreach/eduction, training, planting, monitoring | \$200,000 | outreach/eduction, training, planting, monitoring |
| 2 or 3 or 4 | | 2 | Derelict Gear Removal | HCSEG, NWSI | ? | ? | ? | NOAA, private foundation, ESRP | Inventory | ? | Remove and Inventory | ? | Remove and Inventory | ? | Remove and Inventory | ? | Remove and Inventory | ? | Remove and Inventory | ? | remove and inventory |
| 1 or 2 | | 1,3,5 | Regional Riparian Successional Strategy | Multiple | ? | ? | ? | federal approp., Noxious weed boards, partner in- kind | | \$40,000 | Survey and inventory noxious weeds | \$75,000 \$95,000 | Survey, inventory, remove noxious weeds; begin riparian assessment | \$300,000 \$340,000 | Survey, inventory, remove noxious weeds; implement riparian plantings | \$300,000 \$500,000 | Survey, inventory, remove noxious weeds; implement riparian plantings | \$300,000 \$500,000 | Survey, inventory, remove noxious weeds; implement riparian plantings | \$300,000 \$500,000 | Survey, inventory, remove noxious weeds; implement riparian plantings |
| W . 1 ~ | : 1 P | | <u> </u> | | | | | | | | | | | | | | | | | | |
| Hatchery Ca | apital Projects | | | | | | | | | | | | | | | | | | | | |
| TOTAL CA | PITAL NEED |): | | | \$224,782,753 | \$137,526,654 | \$67,125,386 | | | \$3,963,146 | | \$16,257,676 | | \$25,661,635 | | \$23,227,120 | | \$19,718,536 | | \$17,690,699 | |

| 13 | 201 | 4 | | | | | | 1 | : | |
|--------------|---|-------------|----------------------|-------------------------|-------------|---|----------|--------------------|----------------|---|
| Cost | Scope | Cost | Restor-ation Type | Location w/in watershed | Performance | Brief Description | Action # | HWS link | HWS link Cont. | 3 YWP Project Name |
| | | | Ë | Estuary | 37 acres | WA Harbor is crossed by a 1,300-foot long road, equipped with just two 6-foot culverts, which disrupts habitat connectivity, tidal hydrology and habitat forming processes in the estuary's northern 37 acres. The project will provide unrestricted fish access and restore tidal hydrology and habitat forming processes in these 37 acres by removing the 6-foot culverts and 600 feet of road and replacing them with a 600-foot bridge. | | | | WA Harbor Restoration |
| \$390,000 | | | L | Marine Shoreline | 9.5 miles | Permanent protection will be provided for Gibson, South, Travis and Paradise Cove Spits, all clustered near the entrances to WA Harbor and Sequim Bay, along with the 5.2 miles of coastal feeder bluffs that support the spits. Protection will be accomplished using conservation easements, property purchases, and state land management planning. Protected habitat includes 5.2 miles of feeder bluff shoreline, 23,560 feet of spit shoreline, 269 acres of marine shallow water and estuarine habitat, and the productive 10-mile shoreline of the 3,200-acre Sequim Bay. | | #09047.1 #09093 | | North Sequim Bay Drift Cell Conservation |
| \$1.040.000 | Implementation | \$70,000 | Е | Estuary | | Project will build on short term fish passage restoration of west levee currently underway. | | #09018 | | Elwha River Estuary Restoration |
| \$10,000 | Implementation - Conservation Easement Acquisition, and Fee Simple | \$1,000,000 | Ĺ | Estuary | 118 acres | Maintain expansive and important Nearshore habitat for numerous salmonid populations and forage fish in the 118-acre estuarine system at the mouth of Bell Creek and adjacent to the entrance to Sequim Bay. | | #09046 | | WA Harbor Protection |
| \$1,040,000 | ree simple | 31,000,000 | R, E | Estuary | 50 acres | Project Design and Feasiblity Study to: Restore and enhance salt marsh conectivity and enhancement of Gierien Creek | | #10077 | | Grays Marsh and Gierin Creek |
| | 1 | | | | | | | | | |
| \$200,000 | outreach/eductio n, training, planting, monitoring | \$200,000 | L, R, M | Marine | 6 miles | Restore marine riparian corridors in the summer chum ESU. In addition to plants, technical assistance, and workforce on public and private lands, this project could provide matching funds to enable a process for landowners to donate conservation easements | | OE 02-02 | 11-05-001 | Marine Riparian Initiative |
| ? | | | E,M | Marine | ? | Inventory marine subtidal areas of Hood Canal for derelict nets and pots and continue removal process | | Not in HWS | | Derelict Gear Removal |
| | Survey, inventory, remove noxious weeds; implement riparian plantings | \$300,000 | R | All except marine | ? | Survey, inventory, and control exotic, invasive vegetation species along high priority freshwater reaches; prepare sites, plant, and maintain sites following recommendations from riparian assessment | | <u>18-03</u> | | Riparian Enhancement and Noxious Weed Control |
| \$500,000 | | | | | | | | | | |
| \$16,762,301 | | | | | | | | | | |